CLAIMS

REPLACEMENT CLAIMS SET

1. An energy absorber system comprising:

a first strip of webbing having a first end portion, a second end portion and a mid section between the first end portion and the second end portion;

a second strip of webbing having a first end portion, a second end portion and a mid section between the first end portion and the second end portion;

a plurality of tear yarns coupling the mid sections of the first and second strips of webbing to form a centrally located mid portion of the first and second strips of webbing having a desired tear strength, the mid portion of the first and second strips of webbing including at least one tear yarn ramp down arrangement with a transitioning tear strength that is positioned within the mid portion of the first and second strips with the desired tear strength and proximate a centrally located portion of the mid portion of the first and second strips of webbing with the desired tear strength;

a first connection member, the first end portion of the first strip of webbing and the second end portion of the second strip of webbing coupled to the first connection member; and

a second connection member, the first end portion of the second strip a of webbing and the second end portion of the first strip of webbing coupled to the second connection member, such that when the first and second connection members are pulled away from each other during a fall event the tear yarns holding the mid portion of the first and second strips of webbing are torn generally simultaneously from opposite ends of the mid portion of the first and second strips therein absorbing energy until the first and second strips of the webbing are separated.

2. The energy absorber system of claim 1, further comprising:
the first strip of webbing including a twist.

3. The energy absorber system of claim 1, further comprising:
the mid portion of the first and second strip of webbing rolled into a coil.

Duration: 21.07.2014 21:47:33 - 21.07.2014 21:52:38. This page 9 of 13.

Received at the EPO on Jul 21, 2014 21:52:38. Page 9 of 13

REPLACEMENT CLAIMS SET

4. The energy absorber system of claim 1, further wherein the mid portion of the first and second strips of webbing includes an unattached portion without tear yarns located at the centrally located portion of the mid portion.

5. The energy absorber system of claim 4, wherein the at least one tear yarn ramp down arrangement of the mid portion of the first and second strips of webbing includes a pair of ramp down sections each having a tear yarn arrangement that produces transition tear strength sections that lead into the centrally located unattached portion.

6. The energy absorber system of claim 1, further comprising:

a first stitching area configured to couple the first end portion of the first strip of webbing and the second end portion of the second strip of webbing to the first connection member; and

a second stitching area configured to couple the first end portion of the second strip of webbing and the second end portion of the first strip of webbing to the second connection member.

7. The energy absorber system of claim 1, further comprising:

the first connection member having a first connection aperture, the first end portion of the first strip of webbing and the second end portion of the second strip of webbing passing through the first connector aperture of the first connection member; and

the second connection member having a second connection aperture, the second end portion of the first strip of webbing and the first end portion of the second strip of webbing passing through the second connector aperture of the second connection member.

8. The energy absorber system of claim 1, wherein the first and second connection members are snap hooks.

9. An energy absorber comprising:

a first strip of webbing having a first webbing first end portion and an opposed first webbing second end portion;

Duration: 21.07.2014 21:47:33 - 21.07.2014 21:52:38. This page 10 of
Received at the EPO on Jul 21, 2014 21:52:38. Page 10 of 13

a second strip of webbing having a second webbing first end portion and an opposed second webbing second end portion;

a plurality of tear yarns coupling a central section of the first strip of webbing to a central section of the second strip of webbing to form a mid portion of the first and second strips of webbing in such a manner that the first webbing first end portion of the first strip of webbing is positioned proximate the second webbing first end portion of the second webbing and the first webbing second end portion of the first webbing is positioned proximate the second webbing second end portion of the second webbing, the mid portion of the first and second strips of webbing having a centrally located unattached portion without tear yarns;

a first connector portion configured and arranged to couple the first webbing first end portion of the first strip of webbing and the second webbing second end portion of the second webbing to a first connector; and

a second connector portion configured and arranged to couple the first webbing second end portion of the first strip of webbing and the second webbing first end portion of the second webbing to a second connector.

10. The energy absorber of claim 9, wherein the mid portion of the first and second strips of webbing includes a pair of ramp down sections having a tear yarn arrangement that produces transition tear strength sections that lead into the centrally located unattached portion.

11. The energy absorber of claim 10, wherein the transition tear strength sections transition from a higher tear strength to a lower tear strength as the transition tear strength sections near the centrally located unattached portion.

12. The energy absorber of claim 9, wherein at least one of the first strip of webbing and the second strip of webbing includes a twist.

13. The energy absorber of claim 9, the mid section of the first and second strips further including a pair of ramp up sections having a tear yarn arrangement that produces transition tear strength sections proximate opposed ends of the mid portion of the first and second strips of webbing.

Duration: 21.07.2014 21:47:33 - 21.07.2014 21:52:38. This page 11 of
Received at the EPO on Jul 21, 2014 21:52:38. Page 11 of 13

14. The energy absorber of claim 13, wherein the transition tear strength sections transition from a lower tear strength to a higher tear strength.

15. An energy absorber system comprising:

a first strip of webbing having a first webbing first end portion, a first webbing second end portion and a first central portion positioned between the first webbing first end portion and first webbing second end portion;

a second strip of webbing having a second webbing first end portion, a second webbing second end portion and a second central portion between the second webbing first end portion and the second webbing second end portion;

a plurality of tear yarns coupling the first central portion of the first webbing to the second central portion of the second webbing to form a mid portion of the first and second strips of webbing such that the first webbing first end portion of the first strip is positioned proximate the second webbing first end portion of the second strip and the first webbing second end portion of the first strip is positioned proximate the second webbing second end portion of the second strip, the mid portion of the first and second strips having a centrally located unattached portion without tear yarns, the mid portion of the first and second strips of webbing includes a pair of ramp down sections each having a tear yarn arrangement that produces transition tear strength sections that lead into the centrally located unattached portion;

a first connection member, the first webbing first end portion of the first strip of webbing and the second webbing second end portion of the second strip of webbing coupled to the first connection member; and

a second connection member, the second webbing first end portion of the second strip of webbing and the first webbing second end portion of the first strip of webbing coupled to the second connection member, such that when the first and second connections members are pulled away from each other during a fall event the tear yarns holding the mid portion of the first and second strips of webbing are torn generally simultaneously from opposite ends of the mid portion of the first and second strips therein absorbing energy until the first and second strips of the webbing are separated.

16. The energy absorber system of claim 15, wherein one of the first and second strips of webbing includes a twist.

17. The energy absorber system of claim 15, wherein the transition tear strength sections transition from a higher tear strength to a lower tear strength as the transition tear strength sections near the centrally located unattached portion.

18. The energy absorber system of claim 15, further comprising:

a first stitching area configured to couple the first webbing first end portion of the first strip of webbing and the second webbing second end portion of the second strip of webbing to the first connection member; and

a second stitching area configured to couple the second webbing first end portion of the second strip of webbing and the first webbing second end portion of the first strip of webbing to the second connection member.

19. The energy absorber system of claim 15, further comprising:

the first connection member having a first connection aperture, the first webbing first end portion of the first strip of webbing and the second webbing second end portion of the second strip of webbing passing through the first connector aperture of the first connection member; and

the second connection member having a second connection aperture, the first webbing second end portion of the first strip of webbing and the second webbing first end portion of the second strip of webbing passing through the second connector aperture of the second connection member.

20. The energy absorber system of claim 15, further comprising:

the mid portion of the first and second strips of webbing rolled into a coil.

Duration: 21.07.2014 21:47:33 - 21.07.2014 21:52:38. This page 13 of AMENDED SHEET 2014 21:52:38
Received at the EPO on Jul 21, 2014 21:52:38. Page 13 of 13