

CLAIMS

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1. A safety barrier (1), the safety barrier (1) having a length (L), a width (W), and a height (H), wherein the safety barrier (1) has
an end connection (10) at an end of the safety barrier, which end connection is arranged to be connected with a corresponding end connection of another safety barrier,
10 wherein the end connection comprises
a receiving space (11) adapted to receive at least a portion of an end connection of another safety barrier, and to only enable connection and disconnection with said corresponding end connection of another safety barrier by movement of the safety barriers relative to each other in direction of the height of the safety barrier, wherein a distance
15 through the receiving space between wall surfaces of the receiving space in the direction of the length of the safety barrier is at a minimum between upper and lower ends of the end connection and is greater at the ends.
2. A safety barrier according to claim 1, wherein a distance through the receiving
20 space between wall surfaces of the receiving space in the direction of the width of the safety barrier is at a minimum between the upper and lower ends of the end connection and is greater at the ends.
3. A safety barrier according to claim 1 or 2, wherein the end connection is
25 elongated in direction of the height of the barrier, and wherein the distance is at a minimum at the longitudinal middle (M) of the end connection.
4. A safety barrier according to any of the preceding claims, wherein the end
connection is elongated in direction of the height of the safety barrier, and wherein the
30 distance is at a maximum at longitudinal ends of the end connection.
5. A safety barrier (1) according to any of the preceding claims, wherein the end
connection (10) has a longitudinal extension along the height (H) of the safety barrier (1), a
lateral extension along the width (W) of the safety barrier, and a transverse extension along
35 the length (L) of the safety barrier, and wherein the end connection has a transverse protrusion which is at a maximum between longitudinal ends of the end connection and is lesser at the ends.

6. A safety barrier (1) according to claim 5, wherein the transverse protrusion is at a maximum at the longitudinal middle (M) of the end connection.
7. A safety barrier (1) according to claim 5 or 6, wherein the transverse protrusion is at a minimum at the longitudinal ends of the end connection.
8. A safety barrier (1) according to any of the preceding claims, wherein the end connection further comprises a base portion (12), and a connection portion (13) protruding from the base portion in direction of the length and width of the safety barrier, wherein each of the base portion and the connection portion is elongated and has a longitudinal extension along the height (H) of the safety barrier, a lateral extension along the width (W) of the safety barrier, and a transverse extension along the length (L) of the safety barrier.
9. A safety barrier (1) according to claim 8, wherein the base portion (12) comprises a longitudinal groove (24), wherein a wall surface of the groove and a wall surface of the connection portion (13) define the receiving space (11), such that the receiving space is adapted to receive the connection portion of another safety barrier, wherein the connection portion is arranged to engage with the corresponding connection portion of the other safety barrier.
10. A safety barrier (1) according to claim 9, wherein a distance through the receiving space between the wall surfaces of the groove and the connection portion is at a minimum between longitudinal ends of the connection portion and is greater at the longitudinal ends.
11. A safety barrier (1) according to any of claims 8 to 10, wherein a transverse extension of the connection portion is at a maximum between longitudinal ends of the connection portion and is lesser at the longitudinal ends thereof.
12. A safety barrier (1) according to any one of claims 8 to 11, wherein a transverse extension of the connection portion is at a minimum at longitudinal ends of the connection portion.
13. A safety barrier (1) according to any of claims 8 to 12, wherein the lateral extension of the connection portion is at a maximum between upper and lower longitudinal ends of the connection portion and is lesser at the longitudinal ends.

14. A safety barrier (1) according to any of claims 8 to 13, wherein the lateral extension of the connection portion is at a minimum at the longitudinal ends of the end connection.