

Claims

1. A passenger seating arrangement in an aircraft cabin, the passenger seating arrangement comprising a
5 column of seat units located adjacent an aisle, the column of seat units and the aisle both extending in a longitudinal direction parallel to the longitudinal axis of the aircraft cabin, and wherein
the column comprises a multiplicity of seat units,
10 arranged consecutively along the longitudinal direction,
and wherein each seat unit comprises a plurality of moveable seating elements such that the seat unit is configurable between a seating configuration in which the seating elements are arranged to form a seat having a
15 seat pan and seat back, and a flat-bed configuration in which the seating elements are arranged to form a surface for a flat-bed,
and wherein in each seat unit, the seating elements are orientated at an acute angle to the longitudinal
20 direction and face inwardly towards the aisle,
and wherein the arrangement comprises a multiplicity of screens, each screen being arranged to respectively separate a passenger in a first seat unit in the column from a passenger in a second seat unit to one side of it
25 in the column,
and wherein each screen comprises a space-sharing region having an upper part and a lower part below the upper part, in which:
the upper and lower parts of the screen are offset
30 relative to each other towards the first and second seat units respectively, such that the upper part provides shoulder space for the passenger in the second seat unit when the seat units are in the seating configuration, and the lower part provides arm space for the passenger in

the first seat unit when the seat units are in the seating configuration.

2. A passenger seating arrangement according to claim
5 1, wherein the first seat unit is an aft seat unit, and the second seat unit is a fore seat unit in front of it in the column.

3. A passenger seating arrangement according to claim 1
10 or claim 2, wherein a lateral direction extends perpendicular to the longitudinal direction, and wherein when the seat units are in the seating configuration, the seating elements of each seat unit are all at the same lateral position in the cabin.

15 4. A passenger seating arrangement according to claim 3, wherein the seat back of the second seat unit is adjacent the seat pan of the first seat unit.

20 5. A passenger seating arrangement according to claim 4, wherein the space-sharing region of the screen is located between the seat back of the second seat unit and the adjacent seat pan of the first seat unit.

25 6. A passenger seating arrangement according to any preceding claim, wherein each first seat unit comprises an armrest located within the arm space created by the relative offset between the upper and lower parts of the screen.

30 7. A passenger seating arrangement according to claim 6, wherein each second seat unit comprises an armrest located forward of the armrest of the first seat unit, and on the opposite side of the screen therefrom.

35

8. A passenger seating arrangement according to any preceding claim, wherein the space-sharing region comprises an inflection at which the screen transitions
5 from the upper part to the lower part.

9. A passenger seating arrangement according to any preceding claim, wherein either side of the space-sharing region, the upper and lower parts of the screen follow
10 substantially the same profile.

10. A passenger seating arrangement according to any preceding claim, wherein in the space-sharing region, the upper part of the screen overhangs the seat pan of the
15 first seat unit when the seat units are in the seating configuration.

11. A passenger seating arrangement according to any preceding claim, wherein the screen extends from behind
20 the seat back, and from adjacent the aircraft sidewall.

12. A passenger seating arrangement according to any preceding claim, wherein the acute angle at which the seating elements are orientated to the longitudinal
25 direction is at least 45 degrees.

13. A passenger seating arrangement according to claim 12, wherein the acute angle at which the seating elements are orientated to the longitudinal direction is between
30 47 and 51 degrees.

14. A passenger seating arrangement according to claim 13, wherein the acute angle at which the seating elements are orientated to the longitudinal direction is
35 substantially equal to 49 degrees.

15. A passenger seating arrangement according to any preceding claim, wherein the pitch between consecutive seat units in the column is between 27 and 29 inches.

5

16. A passenger seating arrangement according to claim 15, wherein the pitch between consecutive seat units in the column is substantially equal to 28 inches.

10

17. A passenger seating arrangement according to any preceding claim, wherein in the flat-bed configuration, the bed length is at least 75 inches.

15

18. A passenger seating arrangement according to claim 17, wherein in the flat-bed configuration, the bed length is between 77 and 78 inches.

20

19. A passenger seating arrangement according to any preceding claim, wherein the column of seat units is adjacent the aisle on one side, and adjacent the aircraft sidewall on the other side.

25

20. A passenger seating arrangement according to claim 19, wherein the cabin comprises a second column of seat units on the opposite side of the aisle, the second column being arranged as described with reference to the first column.

30

21. A passenger seating arrangement according to claim 20, wherein the aisle extends along the centre line of the cabin and the second column is adjacent the aisle on one side, and adjacent the aircraft sidewall on the other side.

22. A multiplicity of seat units for forming the passenger seating arrangement according to any preceding claim.

5 23. A seat unit for use as one of the seat units in the passenger seating arrangement of any of claims 1 to 21.

24. A passenger seating arrangement for use in an aircraft cabin, the passenger seating arrangement
10 comprising a column of seat units, each seat unit being configurable between a seating configuration and a flat-bed configuration,

wherein the seat units are arranged in an inwardly facing herringbone layout such that when the seat units
15 are in the seating configuration, a seat pan of each aft seat unit is adjacent a seat back of a fore seat unit in front of it in the column,

and wherein a screen is arranged to separate a passenger in each aft seat unit in the column from a
20 passenger in a fore seat unit in front of it in the column,

and wherein in the region between the seat pan of each aft seat unit and the adjacent seat back of the respective fore seat unit, the screen comprises an upper
25 part and a lower part below the upper part, the upper and lower parts of the screen being offset relative to each other to create an overhang on the side of the screen facing the aft seat unit, such that, the upper part provides shoulder space for a passenger seated in the
30 fore seat unit, and the lower part provides arm space for a passenger seated in the aft seat unit.

25. A screen for use as the screen in any preceding claim, the screen comprising an upper part and a lower

part below the upper part, the upper and lower parts of
the screen being offset relative to each other to create
an overhang on the side of the screen facing an aft seat
unit, such that, the upper part provides shoulder space
5 for a passenger seated in a fore seat unit, and the lower
part provides arm space for a passenger seated in the aft
seat unit.