

Title (en)
MOVING STANDS

Title (de)
BEWEGLICHE GESTELLE

Title (fr)
TRIBUNES MOBILES

Publication
EP 2450502 A4 20160420 (EN)

Application
EP 09846833 A 20090703

Priority
JP 2009062566 W 20090703

Abstract (en)
[origin: EP2450502A1] Disclosed is a retractable moving stand wherein the sense of stability of the sitting persons is enhanced by making it possible for the sitting persons not to feel rocking even if a spectator walks on a step-like passage up and down. A retractable moving stand comprising a plurality of tiers of floor bases (1) each including a floor member (6) supported by a beam member (4) through an arm member (5), leg portions (2) supporting each floor base (1) through columns (7) to be movable in a horizontal state, and a plurality of chairs (3) attached to each floor base (1), the plurality of tiers of floor bases (1) being capable of moving in the horizontal state between an advance position where the floor bases are shifted stepwise from each other and a retracting position where the floor bases are aligned with each other in a vertical direction, and the floor members (6) of the plurality of tiers of floor bases (7.) form a step like passage at the advance position, characterized in that each floor base (1) includes seat arm members (5A) and passage arm members (5B) as the arm member (5), and includes seat floor members (6A) and passage floor members (6B) independent of each other as the floor member (6), the seat floor member (6A) is supported on at least one of the beam member (4) and the columns (7) by the seat arm members (5A), and the passage floor member (6B) is supported on at least one of the beam member (4) or the columns (7) by the passage arm members (5B).

IPC 8 full level
E04H 3/12 (2006.01); **A47C 1/126** (2006.01)

CPC (source: EP)
A47C 1/126 (2013.01); **E04H 3/123** (2013.01)

Citation (search report)

- [A] US 4571895 A 19860225 - LYMAN JR HUGH M [US]
- [A] JP S58141060 U 19830922
- [A] GB 2108550 A 19830518 - HUGHES ARTHUR ROGER JAMES, et al
- [A] EP 0059582 A1 19820908 - AMERICAN SEATING CO [US]
- See references of WO 2011001541A1

Cited by
CN104196282A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2450502 A1 20120509; EP 2450502 A4 20160420; EP 2450502 B1 20170125; ES 2615830 T3 20170608; JP 4854789 B2 20120118; JP WO2011001541 A1 20121210; WO 2011001541 A1 20110106

DOCDB simple family (application)
EP 09846833 A 20090703; ES 09846833 T 20090703; JP 2009062566 W 20090703; JP 2009530720 A 20090703