

Title (en)
FOLDING SIDE RAIL

Title (de)
KLAPPBARE SEITENSCHIENE

Title (fr)
BARRIÈRE LATÉRALE PLIANTE

Publication
EP 2210529 A4 20101013 (EN)

Application
EP 08792744 A 20080826

Priority
• JP 2008065198 W 20080826
• JP 2007294961 A 20071113

Abstract (en)
[origin: EP2210529A1] [Abstract] The object is to provide a side rail that satisfies the dimension specified in the IEC standard, etc. and prevents that the upper crosspiece member of the side rail becomes too high in the stowed state. This invention proposes a foldable side rail in which multiple strut members 2 are pivotally rotatably connected between an upper crosspiece member 1u and a lower crosspiece member 1d, to form a parallel link mechanism, while a holding mechanism 5 is provided for holding the abovementioned strut members in an upright position, wherein at least some of the strut members are flat strut members disposed in such a manner that the flat surfaces thereof may face the adjacent strut members, while the number of the strut members per unit length of the side rail is increased.

IPC 8 full level
A47C 21/08 (2006.01); **A61G 7/05** (2006.01)

CPC (source: EP KR US)
A47C 21/08 (2013.01 - EP KR US); **A61G 7/05** (2013.01 - KR); **A61G 7/0507** (2013.01 - EP US); **A61G 7/0509** (2016.10 - EP US)

Citation (search report)
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• See references of WO 2009063672A1

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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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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