

Title (en)
An auxiliary escalation unit for bed escalators

Title (de)
Hilfsvorrichtung für Hubbett

Title (fr)
Dispositif auxiliaire de levage pour lit levable

Publication
EP 1731125 A1 20061213 (EN)

Application
EP 05024933 A 20051115

Priority
JP 2005004246 U 20050609

Abstract (en)
In a bed escalator for carrying a wheel chair or an electromotive bed provided with a supporting board (5), a pedestal (1) for supporting the supporting board, a main escalation unit and an auxiliary escalation unit affixed to the pedestal, a hydraulic cylinder (25) of the auxiliary escalation unit pivoted at the proximal end to the pedestal supports an escalating roller via an L-lever (31) and, when escalation is in a lowered position, the escalating roller is in contact with an abutment affixed to the supporting board.

IPC 8 full level
A61G 7/012 (2006.01); **A61G 5/10** (2006.01)

CPC (source: EP US)
A61G 5/104 (2013.01 - EP US); **A61G 7/012** (2013.01 - EP US); **A61G 3/063** (2013.01 - EP US)

Citation (applicant)
JP 2002343270 A 20021129 - TOSHIBA CORP

Citation (search report)

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- [Y] EP 0697367 A1 19960221 - MAHA GMBH & CO KG [DE]
- [A] EP 0316046 A1 19890517 - UNIHEF AUTOMOBIEL BV [NL]
- [A] EP 0601695 A2 19940615 - SNELL ELIZABETH [GB]
- [A] EP 0372246 A1 19900613 - JLG IND INC [US]

Cited by
CN105640724A; CN102217997A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2006277849 A1 20061214; EP 1731125 A1 20061213; JP 3113490 U 20050908

DOCDB simple family (application)
US 30140605 A 20051213; EP 05024933 A 20051115; JP 2005004246 U 20050609