

Title (en)

Extensible ramp for public service vehicles

Title (de)

Ausfahrbare Einstiegsrampe für Fahrzeuge des öffentlichen Personenverkehrs

Title (fr)

Rampe extensible pour véhicules de transport en commun

Publication

EP 1743611 A1 20070117 (DE)

Application

EP 06013702 A 20060701

Priority

DE 202005011221 U 20050716

Abstract (en)

The ramp has an extending and retracting extension plate (2) arranged in a housing (1). The extension plate has a rear end connected to a movable transport unit by a double hinge (10). A support unit (12) is arranged in a front end of the housing for supporting the plate. The hinge has a length, which is dimensioned in such a manner that the center of gravity of the plate lies with in and outside the support unit, during respective sections of extension movement of the plate.

IPC 8 full level

A61G 3/06 (2006.01); **B60P 1/43** (2006.01)

CPC (source: EP)

A61G 3/061 (2013.01); **A61G 3/067** (2016.11)

Citation (applicant)

- DE 10065989 C2 20031218 - LOHMANN APPBAU GMBH [DE]
- DE 4134559 C2 19951102 - DAIMLER BENZ AG [DE]
- DE 4422598 A1 19960104 - IBEG MASCH & GERAETEBAU [DE]
- DE 19503079 C2 19980709 - DEUTSCHE WAGGONBAU AG [DE]
- DE 19909700 A1 20000907 - BODE GMBH & CO KG [DE]

Citation (search report)

- [DA] DE 4422598 A1 19960104 - IBEG MASCH & GERAETEBAU [DE]
- [A] WO 9626848 A1 19960906 - RICON CORP [US]
- [DA] DE 19909700 A1 20000907 - BODE GMBH & CO KG [DE]

Cited by

DE202013002152U1; WO2018114588A1

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)

EP 1743611 A1 20070117; **EP 1743611 B1 20080319**; AT E389381 T1 20080415; DE 202005011221 U1 20061207; DE 502006000484 D1 20080430; ES 2303299 T3 20080801; PL 1743611 T3 20080829

DOCDB simple family (application)

EP 06013702 A 20060701; AT 06013702 T 20060701; DE 202005011221 U 20050716; DE 502006000484 T 20060701; ES 06013702 T 20060701; PL 06013702 T 20060701