

Title (en)
Wheelchair lifting device

Title (de)
Rollstuhlhubvorrichtung

Title (fr)
Dispositif de levage de fauteuil roulant

Publication
EP 2070499 A3 20110810 (DE)

Application
EP 08013384 A 20080725

Priority
DE 102007059943 A 20071212

Abstract (en)
[origin: EP2070498A2] The device (1) has a carriage (5) connected with a platform (2) by articulated arms (4) that are attached to sides of the platform. A bridging plate (3) is pivotably supported in the platform via a pivoting axis (20). A push rod (10) is constraintly coupled with one of the arms at an end, and is rotatably connected with the pivoting axis of the bridging plate at another end. A stopper (30) acting on the pivoting axis is spring-loaded such that the bridging plate is swung by the spring-loaded stopper during lifting the ramp platform.

IPC 8 full level
A61G 3/06 (2006.01)

CPC (source: EP US)
A61G 3/06 (2013.01 - EP US); **A61G 3/062** (2013.01 - EP US); **A61G 3/067** (2016.10 - EP US); **A61G 2220/12** (2013.01 - EP US);
A61G 2220/16 (2013.01 - EP US)

Citation (search report)

- [AD] NL 1021891 C2 20040512 - FLEVO TRANSPORTMIDDELEN ZEEWOL [NL]
- [AD] WO 9427546 A1 19941208 - RICON CORP [US]
- [A] US 6305897 B1 20011023 - BUDD ALFRED L [US], et al

Cited by
EP3156025A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2070498 A2 20090617; EP 2070498 A3 20110504; EP 2070498 B1 20120829; DE 102007059943 A1 20090625;
DE 102007059943 B4 20100204; EP 2070499 A2 20090617; EP 2070499 A3 20110810; EP 2070499 B1 20120829; PL 2070498 T3 20130131;
PL 2070499 T3 20130131; US 2009151094 A1 20090618; US 2009155037 A1 20090618; US 7810198 B2 20101012

DOCDB simple family (application)
EP 08011969 A 20080703; DE 102007059943 A 20071212; EP 08013384 A 20080725; PL 08011969 T 20080703; PL 08013384 T 20080725;
US 23146008 A 20080903; US 28400008 A 20080917