

Title (en)
Lift foot guard

Title (de)
Aufzugfußschutz

Title (fr)
Garde-pied d'ascenseur

Publication
EP 2305593 A1 20110406 (EN)

Application
EP 09382192 A 20091002

Priority
EP 09382192 A 20091002

Abstract (en)
Lift foot guard which comprises a lower plate (1) which is displaced with respect to an apron (2) affixed to the lift cabin (3) due to two studs (2.1,1.2) solid to the apron (2) or the plate (1) through which two slots (1.1,2.2) present in the plate (1) or in the apron (2) respectively slide. The slots (1.1) present a form such that they permit rotation of the plate (1) with respect to at least one axis perpendicular to the plate (1) and coinciding with one of the studs (2) when the lower plate (1) enters into contact with an obstacle (6).

IPC 8 full level
B66B 13/28 (2006.01)

CPC (source: EP)
B66B 13/285 (2013.01)

Citation (applicant)
WO 2005092774 A1 20051006 - OTIS ELEVATOR CO [US], et al

Citation (search report)
• [A] WO 2005092774 A1 20051006 - OTIS ELEVATOR CO [US], et al
• [A] JP 2006264809 A 20061005 - TOSHIBA ELEVATOR CO LTD

Cited by
CN112607559A; CN105431367A; US11198594B2; WO2014195751A1

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2305593 A1 20110406; EP 2305593 B1 20120314; AT E549288 T1 20120315; ES 2382109 T3 20120605; PT 2305593 E 20120509

DOCDB simple family (application)
EP 09382192 A 20091002; AT 09382192 T 20091002; ES 09382192 T 20091002; PT 09382192 T 20091002