

Title (en)
LOAD RESTRAINING DEVICE

Title (de)
LASTSICHERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE RETENUE DE CHARGES

Publication
EP 3250498 A1 20171206 (DE)

Application
EP 16701548 A 20160127

Priority
• DE 102015201415 A 20150128
• EP 2016051649 W 20160127

Abstract (en)
[origin: WO2016120303A1] The invention relates to a load-securing device (100), wherein the load-securing device (100) comprises at least one mast (151), a retaining element (110), a supporting element (120), and a guide rail (130), which has a curved track (131) that is bent by 90° at the lower end thereof, the load-securing device (100) is arranged on the at least one mast (151) in such a way that the load-securing device can be slid vertically in the x-direction, the guide rail (130) is extended substantially parallel to the at least one mast (151), and the supporting element (120) engages with the guide rail (130), wherein the supporting element (120) is supported by the guide rail (130) and wherein the retaining element (110) is arranged in such a way that the retaining element can be pivoted about a pivot point (112), wherein the retaining element (110) can be activated by the pivoting thereof into a substantially horizontal position, wherein the pivoting of the retaining element (110) in the vertical direction (x) is prevented by the supporting element (120).

IPC 8 full level
B66F 9/18 (2006.01)

CPC (source: CN EP US)
B66F 9/18 (2013.01 - CN EP US)

Citation (search report)
See references of WO 2016120303A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102015201415 A1 20160728; CN 107207230 A 20170926; EP 3250498 A1 20171206; EP 3250498 B1 20200422;
US 10336595 B2 20190702; US 2018022590 A1 20180125; WO 2016120303 A1 20160804

DOCDB simple family (application)
DE 102015201415 A 20150128; CN 201680007539 A 20160127; EP 16701548 A 20160127; EP 2016051649 W 20160127;
US 201615547295 A 20160127