

Title (en)
Multi-column hoisting platform for vehicles

Title (de)
Mehrsäulen-Hebebühne für Fahrzeuge

Title (fr)
Élévateur à plusieurs colonnes pour véhicules

Publication
EP 1953113 A3 20100707 (DE)

Application
EP 08001604 A 20080129

Priority
DE 102007005895 A 20070201

Abstract (en)
[origin: EP1953113A2] The method involves movably and vertically supporting and setting driving rails (3a, 3b) at lifting columns (1a-1d), by form-fitting engagement in vertical retaining elements (5a, 5b) at a desired level. Ratchets (6a, 6b) are directly or indirectly supported at the driving rails in the retaining elements. The ratchets are released or activated by snap movement of the ratchets during setting of the driving rails. The snap movement is monitored and a stroke movement is stopped after snapping the ratchets. The setting of the driving rails is triggered.

IPC 8 full level
B66F 7/28 (2006.01)

CPC (source: EP)
B66F 7/28 (2013.01)

Citation (search report)

- [X] US 2006151247 A1 20060713 - RAFFLER WOLFGANG [US], et al
- [A] US 4076104 A 19780228 - BISHOP BURTON DEWOLFE, et al
- [A] US 2006045710 A1 20060302 - HIEBERT DAVID B [CA]
- [A] US 4457401 A 19840703 - TAYLOR JAMES J [US], et al
- [A] US 4763761 A 19880816 - MCKINSEY MILLARD F [US], et al

Cited by
DE102014113301A1; DE202013011204U1

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 1953113 A2 20080806; EP 1953113 A3 20100707; EP 1953113 B1 20141231; DE 102007005895 A1 20080807

DOCDB simple family (application)
EP 08001604 A 20080129; DE 102007005895 A 20070201