

Title (en)  
Catch device for trolleys guided in rails

Title (de)  
Vorrichtung zur Arretierung von in Schienen geführten Laufwerken

Title (fr)  
Dispositif d'arrêt pour chariots guidés dans des rails

Publication  
**EP 1247930 B1 20081119 (DE)**

Application  
**EP 01810343 A 20010406**

Priority  
EP 01810343 A 20010406

Abstract (en)  
[origin: EP1247930A1] The locking mechanism (2) connected to the running carriage (1) has a main body in two parts (21,22) with tong-shaped clamping elements (27) and in which a locking bolt (23) is movably mounted and which is elastically held in place by an elastic element (24). The locking bolt is moved by the application of force from a first position in which it can fit into a locking element (26) inside, or joined to, the rail (5), into a second position in which it is released from the locking element.

IPC 8 full level  
**E05D 13/00** (2006.01); **E05C 17/60** (2006.01); **E05C 21/00** (2006.01); **E05F 5/00** (2006.01)

CPC (source: EP US)  
**E05D 13/04** (2013.01 - EP US); **E05F 5/003** (2013.01 - EP US); **E05C 17/60** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/236** (2013.01 - EP US); **E05Y 2201/244** (2013.01 - EP US); **E05Y 2201/246** (2013.01 - EP US); **E05Y 2201/462** (2013.01 - EP US); **E05Y 2201/48** (2013.01 - EP US); **E05Y 2201/64** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Cited by  
CN107514213A; EP2098669A1; FR2928166A1; EP2607580A3; EP3296493A1; EP2354402A3; DE102013222779A1; US11946301B2; WO2021119692A1; TWI780542B

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1247930 A1 20021009; EP 1247930 B1 20081119**; AT E414836 T1 20081215; AU 2320102 A 20021010; AU 785328 B2 20070118; CA 2374454 A1 20021006; CA 2374454 C 20080812; DE 50114500 D1 20090102; JP 2002339646 A 20021127; JP 4246442 B2 20090402; US 2002178668 A1 20021205; US 6516575 B2 20030211

DOCDB simple family (application)  
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