

Title (en)
Lock for a transport container

Title (de)
Verschluss für einen Transportbehälter

Title (fr)
Fermeture pour un conteneur de transport

Publication
EP 1840307 A3 20110525 (DE)

Application
EP 07006310 A 20070327

Priority
• DE 102006014431 A 20060327
• DE 102006025266 A 20060531

Abstract (en)
[origin: EP1840307A2] The lock has a lock rim arranged in a shell (1), and a movable locking hook (14) tiltably arranged in another shell (2), where the hook engages the lock rim in a closed position. A spring (18) is arranged in such a manner that the locking hook is pressed in a direction of a base of the latter shell in a rest position, where the lock rim is a part of an opening of a lock housing (10). A flat spring closes the opening in an unlocked condition, and the lock housing is provided with a bevel.

IPC 8 full level
E05C 19/14 (2006.01)

CPC (source: EP US)
E05C 19/10 (2013.01 - EP US); **E05C 19/105** (2013.01 - EP US); **Y10T 292/0918** (2015.04 - EP US); **Y10T 292/0976** (2015.04 - EP US); **Y10T 292/103** (2015.04 - EP US)

Citation (search report)
• [X] DE 19804582 A1 19980924 - PENN FABRICATION U S A INC [US]
• [AD] US 5511834 A 19960430 - WILLEMS ROGER P [GB]
• [A] US 2853752 A 19580930 - ERNEST SCHLUETER

Cited by
US10626643B2; EP3009584A4; EP2508700A1; EP2508701A1; EP4310286A1; EP2907948A1; CN104847199A; US2016237726A1; US10640287B2; US9103145B2; WO2016074490A1; WO2014200145A1; US10174531B2; US9353558B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1840307 A2 20071003; **EP 1840307 A3 20110525**; **EP 1840307 B1 20120725**; **EP 1840307 B2 20160622**; US 2007252058 A1 20071101; US 2013026769 A1 20130131; US 8733803 B2 20140527

DOCDB simple family (application)
EP 07006310 A 20070327; US 201213364701 A 20120202; US 72849607 A 20070326