Title (en)

Lock for a transport container

Title (de)

Verschluss für einen Transportbehälter

Title (fr)

Fermeture pour un conteneur de transport

Publication

EP 1840307 B2 20160622 (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 19/10 (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 (opposition)

Opponent :

- GB 2203482 A 19881019 - SIMMONS FASTENER CORP
- US 2798371 A 19570709 - GEHRIE CHARLES S

Cited by

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

Designated contracting state (EPC)

BE ES FR GB NL SE

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