

Title (en)
GARBAGE CAN LOCK

Title (de)
MÜLLTONNENVERSCHLUSS

Title (fr)
FERMETURE DE POUBELLE

Publication
EP 3067296 B1 20170823 (DE)

Application
EP 16150294 A 20160106

Priority
DE 102015100405 A 20150113

Abstract (en)
[origin: US2016200509A1] A trash can lock including an opening slider, displaceable from an initial position into an operating position in the lock housing, a latch with an arm including a locking cam, which, in the initial position, rests against a locking shoulder of the opening slider, and which pivots into a release position in response to a displacement of the opening slider into the operating position, the pivot axis of the latch is arranged to be laterally offset to a straight line, placed through the latch head in a tensile direction (Z), such that the tensile force acts upon the locking cam against the locking shoulder. In the initial position, the locking shoulder is inclined about an angle of inclination (α), which lies within the self-locking range, as compared to the displacement direction of the opening slider.

IPC 8 full level
B65F 1/16 (2006.01); **E05B 15/00** (2006.01)

CPC (source: EP US)
B65F 1/1615 (2013.01 - EP US); **E05B 15/0093** (2013.01 - EP US); **E05B 65/52** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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