

Title (en)

Safety device for a sliding lid of a movable refuse receptacle which can be automatically emptied by a refuse vehicle

Title (de)

Sicherungsvorrichtung für einen Schiebedeckel eines verfahrbaren und mittels eines Müllfahrzeugs automatisch entleerbaren Müllbehälters

Title (fr)

Dispositif de sécurité pour un couvercle coulissant d'une poubelle mobile qui est automatiquement vidable par un véhicule à ordures

Publication

EP 1147999 B1 20051221 (DE)

Application

EP 01108826 A 20010409

Priority

DE 10019925 A 20000420

Abstract (en)

[origin: EP1147999A2] The lock (8) for the lid of a wheeled refuse bin fastens it when the bin is upright but allows it to open when tilted for emptying. It consists of a lever (9) with a latch (19) which cooperates with a rod (10) mounted on the top (7) of the lid. The lever is mounted eccentrically on a pivot (22) and is biased towards the locked position by its own weight and optionally by a spring (25).

IPC 1-7

B65F 1/16

IPC 8 full level

B65F 1/16 (2006.01)

CPC (source: EP)

B65F 1/1615 (2013.01); **B65F 1/1623** (2013.01); **B65F 2001/1669** (2013.01); **B65F 2001/1692** (2013.01)

Cited by

KR100711728B1; CN111605921A; WO2004058601A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1147999 A2 20011024; **EP 1147999 A3 20020918**; **EP 1147999 B1 20051221**; AT E313498 T1 20060115; DE 10019925 A1 20011025; DE 50108422 D1 20060126; DK 1147999 T3 20060501; ES 2256107 T3 20060716

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