

Title (en)
Lockable refuse receptacle

Title (de)
Abschliessbare Mülltonne

Title (fr)
Poubelle à verrouillage

Publication
EP 0699600 B1 19981104 (DE)

Application
EP 95112650 A 19950811

Priority
DE 4430129 A 19940825

Abstract (en)
[origin: EP0699600A1] The locking device is automatically unlocked when the bin is tipped into the emptying position is formed by a bolt rod (18) which is spring tensioned (21) into its closing position. The bolt rod is displaceable parallel to the lid and in the closed position engages in a closing hook attached to the associated vertical wall of the bin. A weight (15) is set rotationally movable in the lid whereby the bolt rod and weight are coupled together to convert the rotary movement of the weight into a longitudinal displacement of the bolt rod thereby automatically releasing the lock. The bolt rod has a protruding journal (23) and the weight has an inclined plane (24) running down on the journal as the weight rotates. The bolt rod can have an angled arm to produce a vertical distance between the lid and closing hook.

IPC 1-7
B65F 1/16; **E05B 15/00**

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

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

Cited by
EP1396446A1; FR2844257A1; WO2016176734A1; US10526137B2

Designated contracting state (EPC)
AT CH DE FR GB LI NL

DOCDB simple family (publication)
EP 0699600 A1 19960306; **EP 0699600 B1 19981104**; AT E172935 T1 19981115; DE 4430129 C1 19960201; DE 59504120 D1 19981210

DOCDB simple family (application)
EP 95112650 A 19950811; AT 95112650 T 19950811; DE 4430129 A 19940825; DE 59504120 T 19950811