

Title (en)

Mechanism for moving a carriage of a waste-bin

Title (de)

Mechanismus zum Bewegen eines Schlittens eines Müllbehälters

Title (fr)

Mécanisme de déplacement d'un chariot d'une poubelle

Publication

**EP 2055653 A1 20090506 (EN)**

Application

**EP 08167871 A 20081029**

Priority

IT BO20070726 A 20071030

Abstract (en)

The mechanism (31) moves a carriage (5) of a waste-bin (1) from a position in which it is completely retracted in a space (21) in a piece of furniture (22) to a completely extracted position. The mechanism (31) comprises a body (26) attached to a wall (23) of the space (21) and provided with two first guides (28) along which the carriage (5) slides, a first lever (32) provided with a first extremity hinged to a door (25) of the piece of furniture (22) and with a second extremity which carries a first pin (34), a second lever (35) provided with a first extremity hinged to the body (26) and with a second extremity which carries a second pin (36) slidable along a second guide (13) obtained in the carriage (5), and a notch (37) obtained along a lateral edge of the second lever (35) and suitable to receive the first pin (34) as the door (25) is opened so that the rotation as the door (25) is opened causes a rotation of the second lever (35) and so that the sliding of the second pin (36) in the second guide (13) causes the carriage (5) being pulled towards the outside of the piece of furniture (22).

IPC 8 full level

**B65F 1/14** (2006.01)

CPC (source: EP)

**B65F 1/1436** (2013.01)

Citation (search report)

- [A] EP 1533253 A1 20050525 - WESTERMANN KG [DE]
- [A] DE 7924242 U1 19791129
- [A] DE 10105847 A1 20020822 - KESSEBOEHMER KG [DE]
- [A] DE 9307535 U1 19930722
- [A] DE 3304159 C1 19841011 - LOH KG HAILO WERK

Cited by

ITUB20160958A1; DE102017116061A1; WO2019015956A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2055653 A1 20090506**; IT BO20070726 A1 20090430

DOCDB simple family (application)

**EP 08167871 A 20081029**; IT BO20070726 A 20071030