

Title (en)

CLOSING DEVICE AND CONTAINER WITH SUCH A CLOSING DEVICE

Title (de)

VERSCHLUSSVORRICHTUNG UND BEHÄLTER MIT EINER SOLCHEN VERSCHLUSSVORRICHTUNG

Title (fr)

DISPOSITIF DE FERMETURE ET RÉCIPIENT MUNI DUDIT DISPOSITIF DE FERMETURE

Publication

**EP 3504131 A1 20190703 (DE)**

Application

**EP 17754368 A 20170821**

Priority

- DE 102016215846 A 20160823
- EP 2017071024 W 20170821

Abstract (en)

[origin: WO2018036961A1] The invention relates to a closing device with a frame (10) and a swivel lid (30). It comprises at least first locking means (70) for holding the lid (30) in the closed position. In the locked state, a latching hook (71) reaches behind a locking surface (74) of a latching tongue (72), and can be swiveled about a swivel axis (76). The latching hook (71) can further be moved from a rest position into an unlocking position. A distance between the swivel axis (76) and an outer edge (71a) of the latching hook (71) is larger than a distance between the swivel axis and the locking surface (74) in the rest position of the latching hook (71), and smaller than the distance between the swivel axis (76) and the locking surface in the unlocked position of the latching hook (71). The invention also relates to a container with such a closing device.

IPC 8 full level

**B65D 43/16** (2006.01); **B65D 43/22** (2006.01); **B65D 50/06** (2006.01)

CPC (source: EP)

**B65D 43/169** (2013.01); **B65D 43/22** (2013.01); **B65D 50/06** (2013.01); **B65D 2251/1025** (2013.01); **B65D 2251/1058** (2013.01); **B65D 2543/00435** (2013.01)

Citation (search report)

See references of WO 2018036961A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102016215846 A1 20180301**; EP 3504131 A1 20190703; EP 3504131 B1 20221005; WO 2018036961 A1 20180301

DOCDB simple family (application)

**DE 102016215846 A 20160823**; EP 17754368 A 20170821; EP 2017071024 W 20170821