

Title (en)
CLOSURE MODULE FOR A CONTAINER

Title (de)
VERSCHLIESSMODUL FÜR EINEN BEHÄLTER

Title (fr)
MODULE DE FERMETURE D'UN RÉCIPIENT

Publication
EP 3419775 A1 20190102 (DE)

Application
EP 16706838 A 20160223

Priority
EP 2016053764 W 20160223

Abstract (en)
[origin: WO2017144081A1] The invention relates to a closure module (1) for closing a container opening (5) of a container (2) by means of a lid (3), wherein the lid (3) has a lid flange (7) and the container (2) has a container flange (6) in the region of the container opening (5). The closure module (1) has a supporting unit (8) having a supporting surface (8a) and has a pressing unit (9) having a pressing surface (9b) for pressing the lid flange (7) and the container flange (6) of the container opening (5) together. In order to simplify the construction of the closure module and reduce the load on the container during the closing process, the supporting unit (8) and the pressing unit (9) can be slid in relation to each other in an axial direction in such a way that the lid flange (7) and the container flange (6) can be pressed together by an axial force (FA) between the supporting surface (8a) and the pressing surface (9a) in the operating state.

IPC 8 full level
B21D 51/26 (2006.01); **B21D 51/34** (2006.01)

CPC (source: EP US)
B21D 51/2653 (2013.01 - EP US); **B21D 51/2661** (2013.01 - US); **B21D 51/34** (2013.01 - EP US)

Citation (search report)
See references of WO 2017144081A1

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)
WO 2017144081 A1 20170831; BR 112018015450 A2 20181218; CN 108778555 A 20181109; EP 3419775 A1 20190102;
JP 2019511960 A 20190509; US 2019015889 A1 20190117

DOCDB simple family (application)
EP 2016053764 W 20160223; BR 112018015450 A 20160223; CN 201680081390 A 20160223; EP 16706838 A 20160223;
JP 2018540805 A 20160223; US 201616076811 A 20160223