

Title (en)
BULK BIN DEVICE

Title (de)
SCHÜTTGUTBEHÄLTERVORRICHTUNG

Title (fr)
DISPOSITIF DE BAC DE STOCKAGE EN VRAC

Publication
EP 3811825 A1 20210428 (EN)

Application
EP 19204591 A 20191022

Priority
EP 19204591 A 20191022

Abstract (en)
Bulk bin device for storing and feeding sell-by-weight loose products, which device comprises a container (10) for storing said products and for feeding the products towards a front opening (30) of the container and a first lid (32). The first lid is hingedly connected to the container (10) and arranged pivotal about a horizontal pivotal axis (PA) between a forward position at which the first lid (32) closes said front opening (30) and a rear position at which the front opening (30) is open for allowing pick-out of products. The centre of gravity (CG) of the first lid (32) is, in the first lid's rear position, positioned behind a vertical line (VL) through the pivotal axis (PA). The device further comprises biasing means (40, 42, 42a) arranged for urging the first lid (32) from the rear position towards the front position.

IPC 8 full level
A47F 1/02 (2006.01); **A47F 3/02** (2006.01)

CPC (source: EP)
A47F 1/02 (2013.01); **A47F 2003/021** (2013.01)

Citation (applicant)
EP 2394535 A1 20111214 - HL DISPLAY AB [SE]

Citation (search report)
• [XAI] US 2009289061 A1 20091126 - EYERMANN HENRIK [SE]
• [XAI] WO 9908574 A1 19990225 - KARAMELLKUNGEN I SVERIGE AB [SE], et al
• [XA] US 4205483 A 19800603 - CLARK LLOYD D [US], et al
• [AD] EP 2394535 A1 20111214 - HL DISPLAY AB [SE]

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)
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