

Title (en)
A contents-filling vessel reversing apparatus

Title (de)
Vorrichtung zum Umdrehen von Füllgefässen

Title (fr)
Dispositif pour inverser des récipients de remplissage

Publication
EP 1616791 A2 20060118 (EN)

Application
EP 05015010 A 20050711

Priority
JP 2004208361 A 20040715

Abstract (en)
A contents-filling vessel reversing apparatus for reversing a vessel (Y) accommodating the contents to be filled into a packaging container from a upright state to a nearly inverted state, thereby dropping downward and filling the contents into a container disposed underneath. A vessel is held at one end of a vessel holding member (9,10) that is rotated around an axis (12). The axis (O) is situated at a position higher than the center in the vertical direction of the vessel supplied to the gripping stop position where the vessel is gripped in a upright state by the holding member.

IPC 8 full level
B65B 1/06 (2006.01)

CPC (source: EP US)
B65B 1/06 (2013.01 - EP US)

Citation (applicant)
• JP H08282602 A 19961029 - TOYO JIDOKI KK
• JP 2539246 Y2 19970625

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1616791 A2 20060118; EP 1616791 A3 20060412; EP 1616791 B1 20070627; AT E365676 T1 20070715; DE 602005001474 D1 20070809; DE 602005001474 T2 20080228; ES 2287839 T3 20071216; JP 2006027656 A 20060202; US 2006010833 A1 20060119

DOCDB simple family (application)
EP 05015010 A 20050711; AT 05015010 T 20050711; DE 602005001474 T 20050711; ES 05015010 T 20050711; JP 2004208361 A 20040715; US 18142105 A 20050714