

Title (en)
Closing device with automatic opening

Title (de)
Verschlussvorrichtung mit automatischer Öffnung

Title (fr)
Dispositif de fermeture avec ouverture automatique

Publication
EP 0913336 A1 19990506 (EN)

Application
EP 98870059 A 19980327

Priority
• EP 98870059 A 19980327
• EP 97119044 A 19971031

Abstract (en)
The present invention is directed to a closing device (10) for fitting on a container, or being a part of the container body, preferably a container for wetted tissues, comprising a stationary lid member (12), and a movable lid member (13), the stationary lid member including a means for allowing the movable lid member to slide so as to create access to the container contents. Said movable lid member and said stationary lid member are linked by at least one elastic member (21) which is charged with elastic energy when the movable lid member is in closed position, and they include means to provide a releasable locking mechanism (25) for securing the movable lid member in the closed position, or releasing the movable lid member held in tension by said elastic member, thus providing access to the container contents through a dispensing means. <IMAGE>

IPC 1-7
B65D 43/20

IPC 8 full level
B65D 8/18 (2006.01); **B65D 3/26** (2006.01); **B65D 43/02** (2006.01); **B65D 43/20** (2006.01); **B65D 43/26** (2006.01); **B65D 47/08** (2006.01); **A47K 10/32** (2006.01)

CPC (source: EP KR)
B65D 3/268 (2013.01 - EP); **B65D 15/08** (2013.01 - EP); **B65D 43/0218** (2013.01 - EP); **B65D 43/20** (2013.01 - EP KR); **B65D 43/26** (2013.01 - EP); **B65D 47/0804** (2013.01 - EP); **B65D 47/0833** (2013.01 - EP); **A47K 2010/3266** (2013.01 - EP); **B65D 2401/15** (2020.05 - EP); **B65D 2543/00092** (2013.01 - EP); **B65D 2543/00296** (2013.01 - EP); **B65D 2543/00518** (2013.01 - EP); **B65D 2543/00537** (2013.01 - EP); **B65D 2543/00555** (2013.01 - EP); **B65D 2543/0099** (2013.01 - EP)

Citation (search report)
• [XY] GB 2186315 A 19870812 - MAH SING PLASTICS IND SENDIRIA
• [X] US 3949899 A 19760413 - JACOBS M NEAL, et al
• [DY] WO 9606556 A1 19960307 - NICE PAK PROD INC [US], et al
• [DY] US 3982659 A 19760928 - ROSS RICHARD T
• [Y] EP 0519893 A1 19921223 - ITEM DEV AB [SE]
• [A] US 4819829 A 19890411 - ROSTEN DAVID B [US], et al
• [A] US 3479075 A 19691118 - SWANNO JOEL E
• [A] US 4322914 A 19820406 - MCGAUGHEY DONALD C
• [A] US 2531737 A 19501128 - LYON JR JOE M
• [A] US 4879442 A 19891107 - GIOVINE ROBERT L [US]

Cited by
EP2485630A4; US10306921B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0913336 A1 19990506; AR 012529 A1 20001018; AU 9363498 A 19990524; BR 9815265 A 20001010; CA 2306136 A1 19990514; CN 1090137 C 20020904; CN 1277588 A 20001220; CZ 20001425 A3 20011212; EG 22147 A 20020930; EP 1027262 A1 20000816; HU P0100104 A2 20010528; HU P0100104 A3 20010730; ID 24731 A 20000803; IL 135600 A0 20010520; JP 2001521864 A 20011113; KR 20010031229 A 20010416; PE 56699 A1 19990722; TR 200001151 T2 20000921; WO 9923003 A1 19990514

DOCDB simple family (application)
EP 98870059 A 19980327; AR P980105453 A 19981030; AU 9363498 A 19981019; BR 9815265 A 19981019; CA 2306136 A 19981019; CN 98810535 A 19981019; CZ 20001425 A 19981019; EG 133898 A 19981031; EP 98946644 A 19981019; HU P0100104 A 19981019; IB 9801631 W 19981019; ID 20001013 A 19981019; IL 13560098 A 19981019; JP 2000518891 A 19981019; KR 20007004184 A 20000419; PE 00103098 A 19981102; TR 200001151 T 19981019