

Title (en)
DISPOSABLE CUP WITH SPILL RESISTANT LID

Title (de)
WEGWERFBECHER MIT EINEM VERSCHÜTTUNGSSICHEREN DECKEL

Title (fr)
GOBELET JETABLE DOTE D'UN COUVERCLE ANTI-FUITES

Publication
EP 1317380 B1 20041222 (EN)

Application
EP 01935871 A 20010523

Priority
• CA 0100731 W 20010523
• CA 2311058 A 20000607
• US 75514001 A 20010108

Abstract (en)
[origin: WO0194215A1] The disposable cup (1) has a bottom insert (10), and a substantially truncated conical body (2) having an integral lid (4) and a cup opening. The lid is movable between a raised position and a closed position, possibly via a semi-closed position. The lid has a free edge (5), with a liquid passage opening (6) allowing liquid passage when the lid is in said closed position. The lid is foldably joined to the body along an arcuate first score line (7). The lid further has second score lines (8) arranged at respective ends (14) of the free edge, the second score lines connecting the free edge and the first score line so that, when the lid is pushed towards the cup opening, the lid flips into a position inside the cup opening, the movement of the lid being substantially aided by the folding of the lid along the second score lines. The lid has a larger cross-dimension than the cross-dimension of the body at the closed position of the lid, so that, when the lid portion is pushed further into the body, the lid is bent into a convex shape to seal liquid access along the inside of the cup, and the lid is partly held in the cup in the closed position by frictional forces between the lid and the inside of the cup, and partly by the second score lines causing outer portions of the lid to bend to a substantially vertical position, thereby increasing the force holding the lid in the closed position.

IPC 1-7
B65D 3/26; **B65D 3/28**

IPC 8 full level
B65D 3/20 (2006.01); **B65D 3/28** (2006.01)

CPC (source: EP)
B65D 3/20 (2013.01); **B65D 3/28** (2013.01)

Cited by
US9783359B2

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

DOCDB simple family (publication)
WO 0194215 A1 20011213; **WO 0194215 A8 20030410**; AT E285362 T1 20050115; AU 2001261961 B2 20050616; AU 6196101 A 20011217; DE 60107965 D1 20050127; DE 60107965 T2 20060316; EP 1317380 A1 20030611; EP 1317380 B1 20041222; ES 2237570 T3 20050801; NZ 523420 A 20040625

DOCDB simple family (application)
CA 0100731 W 20010523; AT 01935871 T 20010523; AU 2001261961 A 20010523; AU 6196101 A 20010523; DE 60107965 T 20010523; EP 01935871 A 20010523; ES 01935871 T 20010523; NZ 52342001 A 20010523