

Title (en)
POURING SPOUT WITH AUTOMATIC OPENING FEATURE

Title (de)
AUSGUSS MIT AUTOMATISCHEM ÖFFNUNGSMERKMAL

Title (fr)
GOULOT VERSEUR AVEC CARACTERISTIQUE D'OUVERTURE AUTOMATIQUE

Publication
EP 1448449 A1 20040825 (EN)

Application
EP 02802328 A 20021021

Priority
• GB 0204749 W 20021021
• GB 0125900 A 20011029

Abstract (en)
[origin: WO03037731A1] An auto-opening pouring device for a container comprises a reclosable closure 2 formed with a cam surface 8, and a spout fitment 60 comprising a tubular section 24, a pivotable opening element 62 comprising a cam follower 32 and a piercing portion 64. The pivotable opening element 62 is attached to the tubular section 24 by a hinge 66 and the piercing portion 64 is disposed radially from the pivot axis of the hinge 66, the arrangement being such that in use the piercing port 64 of the opening element 62 is initially disposed adjacent a weakened region of a container and the hinge 66 is distant from the weakened region, and as the closure is unscrewed the piercing portion 64 is pivoted about the hinge 66 and breaks through the weakened region.
[origin: WO03037731A1] An auto-opening pouring device for a container comprises a reclosable closure (2) formed with a cam surface (8), and a spout fitment (60) comprising a tubular section (24), a pivotable opening element (62) comprising a cam follower (32) and a piercing portion (64). The pivotable opening element (62) is attached to the tubular section (24) by a hinge (66) and the piercing portion (64) is disposed radially from the pivot axis of the hinge (66), the arrangement being such that in use the piercing port (64) of the opening element (62) is initially disposed adjacent a weakened region of a container and the hinge (66) is distant from the weakened region, and as the closure is unscrewed the piercing portion (64) is pivoted about the hinge (66) and breaks through the weakened region.

IPC 1-7
B65D 5/74

IPC 8 full level
B65D 5/74 (2006.01)

CPC (source: EP)
B65D 5/748 (2013.01)

Citation (search report)
See references of WO 03037731A1

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

DOCDB simple family (publication)
WO 03037731 A1 20030508; EP 1448449 A1 20040825; GB 0125900 D0 20011219

DOCDB simple family (application)
GB 0204749 W 20021021; EP 02802328 A 20021021; GB 0125900 A 20011029