

Title (en)
Improvements in pouring spouts.

Title (de)
Verbesserungen an Ausgiessverschlüssen.

Title (fr)
Perfectionnements aux bouchons verseurs.

Publication
EP 0011584 A1 19800528 (FR)

Application
EP 79420057 A 19791113

Priority
FR 7833362 A 19781121

Abstract (en)
[origin: ES246595U] Pouring stopper for bottles, jars and the like, of the type that comprises a body (1) suitable for fixing on the neck of the container and provided with a pouring spout formed by a cylindrical sleeve (10) that encloses, with its own annular set to make way for the liquid, a transverse disk (17) joined by substantially vertical arms (16) to the lower part of the aforementioned spout or sleeve, characterized in that the arms (16) are joined to the lower part by a perforated annular zone (14), oriented obliquely from top to bottom in the direction of the axis of said peak, thus protruding inside the base of the latter, so that it determines a kind of barrier for the liquid when the flow takes place, allowing at the same time the air inlet inside the container. (Machine-translation by Google Translate, not legally binding)

Abstract (fr)
Bouchon verseur pour bouteilles, flacons et autres récipients à goulot. A l'intérieur du bec verseur (10) est prévu un disque transversal (17) que des bras espacés (16) relient à une zone annulaire ajourée (14) solidaire de la base du bec précité. Lors du déversement le liquide est guidé entre le pourtour du disque (17) et le bec (10), en même temps que l'air traverse les ouvertures, tournées vers le haut, de la zone ajourée (14). Industrie de bouchage.

IPC 1-7
B65D 47/12

IPC 8 full level
B65D 47/12 (2006.01)

CPC (source: EP US)
B65D 47/043 (2013.01 - EP US); **B65D 47/128** (2013.01 - EP US)

Citation (search report)
• FR 2194618 A1 19740301 - GUALA PIERGIACOMO ANGELO ROBER [IT]
• GB 1500369 A 19780208 - JOHNSON JORGENSEN PLASTICS LTD

Cited by
GB2263107A; EP2559632A1

Designated contracting state (EPC)
AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)
EP 0011584 A1 19800528; EP 0011584 B1 19811104; AT E344 T1 19811115; CA 1109422 A 19810922; DE 2961274 D1 19820114; ES 246595 U 19800216; ES 246595 Y 19800901; FR 2442196 A1 19800620; FR 2442196 B1 19830114; MX 149326 A 19831018; US 4264022 A 19810428

DOCDB simple family (application)
EP 79420057 A 19791113; AT 79420057 T 19791113; CA 340332 A 19791121; DE 2961274 T 19791113; ES 246595 U 19791105; FR 7833362 A 19781121; MX 17993979 A 19791107; US 9230179 A 19791108