

Title (en)
Overflow-proof funnel

Title (de)
Überlaufsicherer Trichter

Title (fr)
Entonnoir anti-débordement

Publication
EP 1489041 A1 20041222 (EN)

Application
EP 03380150 A 20030620

Priority
EP 03380150 A 20030620

Abstract (en)
Overflow-proof funnel (1) consisting of two bodies (2, 3) with conical walls, partially inserted in each other, the upper body (2) housing an axially displaceable plug (4) that is related to the lower conical body (3) by a coaxial rod (6) that is connected on its bottom end to a pin (7) that crosses diametrically the lower conical body (3), said rod (6) being long enough to allow the relative axial displacement of the two bodies (2, 3) between a passage position, in which the upper body (2) rests on the inner surface of the lower body (3) and the aforementioned plug (4) is separated from the inner surface of the upper body (2), and a closed position, in which the upper body (2) and the lower body (3) are partially separated from each other and the plug (4) rests snugly on the inner surface of the upper body (2). <IMAGE>

IPC 1-7
B67C 11/04

IPC 8 full level
B67C 11/04 (2006.01)

CPC (source: EP)
B67C 11/04 (2013.01); **B67C 11/063** (2013.01)

Citation (search report)
• [X] DE 895860 C 19531105 - ENGEL MIECZYSLAW
• [A] FR 1029210 A 19530601
• [A] FR 66754 E 19570910
• [A] CH 287829 A 19521231 - ENGEL MIECZYSLAW [CH]

Cited by
WO2012082080A1; WO2007063163A1

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

DOCDB simple family (publication)
EP 1489041 A1 20041222

DOCDB simple family (application)
EP 03380150 A 20030620