

Title (en)

Filler valve for filling rigid containers using suction

Title (de)

Füllventil zum Füllen von steifen Behältern mittels Unterdruck

Title (fr)

Soupape de remplissage pour remplir des récipients rigides par dépression

Publication

EP 1787943 A1 20070523 (EN)

Application

EP 06023911 A 20061117

Priority

IT MO20050309 A 20051122

Abstract (en)

The invention falls into the field of systems for filling rigid containers with non-fizzy liquids, operating at low vacuum levels. A filler valve (1) is constituted of a cock body (2) and a central pipe (3) in the cock, the said elements being mutually coaxial and exclusively of the static type. A step element (13) is integrally secured to the internal portion of a liquid deflector element (9), the said element constituting the lower part of the central pipe (3) in the cock.

IPC 8 full level

B67C 3/16 (2006.01)

CPC (source: EP)

B67C 3/16 (2013.01); **B67C 3/2634** (2013.01); **B67C 2003/2677** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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