

Title (en)
FILLING VALVE

Title (de)
FÜLLVENTIL

Title (fr)
VANNE DE REMPLISSAGE

Publication
EP 2454186 A1 20120523 (EN)

Application
EP 09787780 A 20090714

Priority
IT 2009000305 W 20090714

Abstract (en)
[origin: WO2011007372A1] There is disclosed a filling valve (1) for filling a container (2) with a pourable product, comprising a fastening body (11) defining a cavity (17), through which the pourable product may flow and which may be connected with a mouth (5) of the container (2); a stopper (12) which may be moved along axis (A) between a closed position, in which it prevents the pourable product from flowing from the cavity (17) towards the mouth (5), and an open position, in which it defines with the fastening body (11) a first opening (16) which is fluidically connected with the mouth (5) and the cavity (17); a conduit (32) distinct from the cavity (17); the filling valve (1) further comprises a second element (90) defining a second opening (91, 95) radial to the axis (A) and surrounding the stopper (12); the second opening (91, 95) has a size such as to create, in virtue of the surface tension, a meniscus of food product for preventing the fluid from the container (2) from flowing through first opening (16).

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2011007372A1

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