Title (en)
Filling valve with side by side arrangement of filling tube and vent tube

Title (de)
Füllventil mit nebeneinander angeordnetem Füll- und Entlüftungsrohr

Title (fr)
Tête de remplissage avec le tube de remplissage et le tube de ventilation arrangés côte à côte

Publication
EP 1607367 A1 20051221 (EN)

Application
EP 05104595 A 20050530

Priority
IT PN20040011 U 20040615

Abstract (en)
Filling valve in an industrial beverage bottling apparatus, comprising a filling nozzle with a vertical filling conduit, into which the beverage is poured for filling, and which is introduced in the bottle to be filled, a filling mouth, and a venting conduit, wherein said venting conduit terminates in a respective mouth or opening at a level (L1) that is lower than the level (L2) of the filling mouth, and on an outer wall of said venting conduit, in the lower portion thereof, there is applied a vertical-axis partially conical or substantially conical vertical-axis member, which is positioned under said filling mouth at a defined distance therefrom, so as to enable the beverage to be bottled to flow down. <??>Preferably, the conical or partially conical surface of said member features a concavity towards said filling conduit. The venting conduit further includes a plurality of vertical partitions. <IMAGE>

IPC 1-7
B67C 3/26; B67C 3/28

IPC 8 full level
B67C 3/26 (2006.01); **B67C 3/28** (2006.01)

CPC (source: EP)
B67C 3/26 (2013.01); **B67C 3/281** (2013.01); B67C 2003/2602 (2013.01)

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

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