

Title (en)

Filling head with vent tube adjustable in height

Title (de)

Füllorgan mit höhenverstellbarem Rückgasrohr

Title (fr)

Tête de remplissage avec tube de retour de gaz réglable en hauteur

Publication

EP 0826626 B1 20000119 (DE)

Application

EP 97112728 A 19970724

Priority

DE 19631079 A 19960801

Abstract (en)

[origin: EP0826626A1] The filling member includes a valve body (4) governing the outlet (6) from the supply vessel to the container underneath, and a return gas pipe (12) determining the filling level in the container. The return gas pipe is coupled to a friction brake (38) which blocks its longitudinal movement. The friction brake has a piston (40) guided in a cylinder (41) and moved with the return gas pipe. The piston has, as a friction member, a piston ring (42) which is radially pretensioned against the cylinder wall. The friction brake secures the vertical position of the return gas pipe against the forces acting on the pipe during operation.

IPC 1-7

B67C 3/26

IPC 8 full level

B67C 3/26 (2006.01)

CPC (source: EP)

B67C 3/2614 (2013.01); **B67C 3/262** (2013.01); **B67C 3/2642** (2013.01); **B67C 2003/2668** (2013.01)

Cited by

ITRE20080109A1; EP1457457A3; CN105947962A; US8794275B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 19631079 A1 19980205; **DE 19631079 C2 19980924**; DE 59701030 D1 20000224; EP 0826626 A1 19980304; EP 0826626 B1 20000119

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