

Title (en)

Rotary filling machine for filling containers with liquids

Title (de)

Rotationsfüllmaschine zur Füllung von Behältern mit Flüssigkeiten

Title (fr)

Machine rotative de remplissage pour le remplissage de récipients avec du liquide

Publication

EP 1995208 A1 20081126 (EN)

Application

EP 07120506 A 20071112

Priority

IT VI20070100 A 20070403

Abstract (en)

Rotary filling machine for filling containers with liquids, which comprises a rotating carousel (4) having, mounted along its periphery, a plurality of filling valves (6). Each filling valve (6) has an outer pipe (7) for supplying the liquid from a storage tank (20) to a container (30) to be filled with said liquid, and an inner compensation pipe (8) for defining the liquid level inside said container (3) mounted concentrically with the outer pipe (7). Actuator means are envisaged for each filling valve (6) and, by means of transmission means (101), vary simultaneously and in an adjustable manner the vertical position of the compensation pipes (8) of all the filling valves (6) with respect to the position of a seal (13) mounted underneath the tank (20) so as to receive against it the mouth of the containers (3).

IPC 8 full level

B67C 3/26 (2006.01)

CPC (source: EP US)

B67C 3/004 (2013.01 - EP US); **B67C 3/262** (2013.01 - EP US); **B67C 3/2637** (2013.01 - EP US); **B67C 2003/2651** (2013.01 - EP US); **B67C 2003/2668** (2013.01 - EP US)

Citation (applicant)

GB 1316629 A 19730509 - SEITZ WERKE GMBH

Citation (search report)

- [XY] GB 1316629 A 19730509 - SEITZ WERKE GMBH
- [Y] FR 2320257 A1 19770304 - PONT A MOUSSON [FR]
- [Y] BE 499164 A
- [A] FR 1321660 A 19630322 - PNEUMATIC SCALE CORP

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1995208 A1 20081126; EP 1995208 B1 20091007; EP 1995208 B2 20151118; AR 065926 A1 20090708; AT E444936 T1 20091015; AU 2008201408 A1 20081023; CL 2008000958 A1 20090109; DE 602007002697 D1 20091119; ES 2333174 T3 20100217; ES 2333174 T5 20160308; IT VI20070100 A1 20081004; US 2008271812 A1 20081106

DOCDB simple family (application)

EP 07120506 A 20071112; AR P080101381 A 20080403; AT 07120506 T 20071112; AU 2008201408 A 20080326; CL 2008000958 A 20080402; DE 602007002697 T 20071112; ES 07120506 T 20071112; IT VI20070100 A 20070403; US 6147308 A 20080402