

Title (en)

DETERGENTS VENDING MACHINE

Title (de)

VERKAUFSAUTOMAT FÜR WASCHMITTEL

Title (fr)

DISTRIBUTEUR AUTOMATIQUE DE DÉTERGENTS

Publication

**EP 3119503 A1 20170125 (EN)**

Application

**EP 15715428 A 20150311**

Priority

- IT BG20140008 A 20140318
- IB 2015051769 W 20150311

Abstract (en)

[origin: WO2016016737A1] Detergents vending machines comprising: a first water inlet pipe (10) connected to a compensation tank (14); the outlet of said compensation tank (14) is connected to a pump (21) to increase the water pressure to at least 2 bar; the outlet of said pump (21) being connected to a first activated carbon and resin filter (25); at least one container (32) of a concentrated detergent; a Venturi effect mixer (31) having a first inlet (40) and an outlet (42) aligned with each other along an axis and a second inlet (41) transverse to said axis; the outlet of said first filter (25) is connected to said first inlet of said mixer (31); the outlet of said at least one container (32), of a concentrated detergent, is connected to said second inlet (41) of said mixer (31), so that the detergent is sucked from said at least one container (32); said second inlet (41) comprises an interchangeable nozzle (43), having a predetermined inner diameter, so as to dose the correct amount of detergent; the outlet (42) of said mixer (31) provides detergent mixed with water, to a conveyor (34).

IPC 8 full level

**B01F 5/04** (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP)

**B01F 25/312** (2022.01); **B01F 33/812** (2022.01); **B01F 33/813** (2022.01); **B01F 33/84** (2022.01); **B01F 2101/4505** (2022.01)

Citation (search report)

See references of WO 2016016737A1

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Designated extension state (EPC)

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