

Title (en)

Hydraulic system for a laundry washing machine detergent dispenser

Title (de)

Hydraulisches System für einen Waschmittelspender einer Waschmaschine

Title (fr)

Système hydraulique pour un distributeur de détergent d'une machine à laver le linge

Publication

EP 2078779 B1 20110713 (EN)

Application

EP 08150247 A 20080114

Priority

EP 08150247 A 20080114

Abstract (en)

[origin: EP2078779A1] A hydraulic system (4) for a laundry washing machine detergent dispenser (1), the detergent dispenser (1) having a tank (2) with a number of compartments (3); and the hydraulic system (4) having: two delivery pipes (6); two solenoid valves (12) located upstream from the delivery pipes (6) to regulate water flow along the delivery pipes (6); three feed pipes (5) terminating in the tank (2); a cross mixer (7) which is interposed between the two delivery pipes (6) and the three feed pipes (5), and directs towards a central feed pipe (5) a stream of water produced by the intersection of the two streams of water from both the delivery pipes (6), and has a closed chamber (10) bounded at the top and bottom by respective walls (11); whereby air break spaces (13) are located along said feed pipes (5) , downstream from said cross mixer (7).

IPC 8 full level

D06F 39/02 (2006.01)

CPC (source: EP US)

D06F 39/02 (2013.01 - EP US); **D06F 39/028** (2013.01 - EP US)

Cited by

CN103384736A; CN102666965A; FR2959248A1; EP3184688A1; EP2889418A1; US10316455B2; WO2012089553A1; WO2010023304A1; WO2015096985A1; WO2014016158A1; WO2011080088A3; WO2015063005A1; EP3063328B1; EP2659053A1; WO2022052329A1; WO2022052330A1

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DOCDB simple family (publication)

EP 2078779 A1 20090715; EP 2078779 B1 20110713; AT E516399 T1 20110715; EP 2345758 A1 20110720; EP 2345758 B1 20120919; EP 2345759 A1 20110720; EP 2345759 B1 20140319; ES 2369801 T3 20111207; PL 2078779 T3 20120229

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EP 08150247 A 20080114; AT 08150247 T 20080114; EP 11157499 A 20080114; EP 11157515 A 20080114; ES 08150247 T 20080114; PL 08150247 T 20080114