

Title (en)

A dispensing system for dispensing a solid substance being conductive in solution and an according method

Title (de)

Ausgabesystem zur Ausgabe einer festen Substanz mit Leitfähigkeit in einer Lösung und entsprechendes Verfahren

Title (fr)

Système de distribution pour distribuer une substance solide conductrice dans une solution et procédé correspondant

Publication

EP 2777473 B1 20160928 (EN)

Application

EP 14167677 A 20101220

Priority

- EP 14167677 A 20101220
- EP 10793267 A 20101220
- EP 2010070296 W 20101220

Abstract (en)

[origin: WO2012084005A1] A dispensing system (10) for dispensing a soluble but solid substance (20) and a corresponding method for dispensing are provide, the dispensing system (10) comprises at least a first container (12) and a second container (14) for keeping a solid substance (20), a solution reservoir (36) for holding a solution (34), at least one spray line (24,26) allocated to each container (12,14) connected to a water supply, at least one spray means (22) allocated to each container (12,14), wherein the spray means (22) is connected to the corresponding spray line (24,26), for bringing water from the water supply (28) into contact with the solid substance (20) being inside the first container (12) and the second container (14) such that an amount of the solid substance (20) dissolves and the thus resulting solution (34) flows into the solution reservoir (36), means, preferably at least one level sensor (38), for measuring the filling height in the solution reservoir (36), measuring means (40) for measuring the conductivity of the solution (34) inside the solution reservoir (36), at least one first discharge line (42), through which the solution reservoir (36) is connectable to a first tank (44), at least one first delivery pump (46) for moving the solution (34) from the solution reservoir (36) through the first discharge line (42), and an electronic main control unit (66) for controlling the operation of the dispensing system (10).

IPC 8 full level

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CPC (source: EP US)

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Cited by

US2017216782A1; US11369249B2

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