

Title (en)

MOBILE DOSING SYSTEM FOR THE RELEASE OF PREPARATIONS CAPABLE OF FLOW OR DISPERSION

Title (de)

BEWEGLICHES DOSIERSYSTEM ZUR ABGABE VON FLIESS- ODER STREUFÄHIGEN ZUBEREITUNGEN

Title (fr)

SYSTÈME DE DOSAGE MOBILE POUR DISTRIBUER DES PRÉPARATIONS COULANTES OU DISPERSIVES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008113618A1] Mobile release and dosing system (1), particularly for preparations containing washing or cleaning agents, comprising at least one receptacle (3) for receiving at least one first product (4) capable of flow or dispersion, wherein the receptacle (3) has at least one release opening (5) which is arranged in such a way that a release of the product by gravity from the receptacle (3) is effected in the operational position of the release system (1); a control apparatus (2) which can be coupled with the release opening (5) of the receptacle (3) and which drives a dosing and release of at least the first flow- or dispersion-capable product (4) from the receptacle (3) into the surrounding area. Said control apparatus (2) comprises at least one sensor (8) which detects physical and/or chemical properties and/or the material condition of the surrounding area of the sensor, measured either qualitatively or quantitatively; a control unit (9) which transforms the signals of the sensor (8) into at least one control signal usable for an actuator (10) by means of at least one control program stored in the control unit (9); an actuator (10) which transforms a control signal of the control unit (9) into a different output quantity with which an object (12, 18, 24) is moved or caused to move, wherein the actuator (10) affects at least one dispenser (12) directly or indirectly; at least one dispenser (12) which is affected directly or indirectly by the actuator (10), wherein as a result of this influence, the opening and/or the closing of the release opening (5) of the receptacle (3) is effected; at least one energy source (6) which supplies at least the control unit (9) and the actuator (10) with a suitable form of energy.

IPC 8 full level

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