

Title (en)

DISPENSING TOOL FOR MULTICOMPONENT SUBSTANCES

Title (de)

DISPENSIERWERKZEUG FÜR MEHRKOMPONENTIGE SUBSTANZEN

Title (fr)

OUTIL DISTRIBUTEUR POUR SUBSTANCES MULTICOMPOSANT

Publication

EP 2379210 A1 20111026 (DE)

Application

EP 09795770 A 20091218

Priority

- EP 2009067537 W 20091218
- EP 08172173 A 20081218
- EP 09795770 A 20091218

Abstract (en)

[origin: EP2198949A1] The tool (1) has a replaceable container (2) provided with a main component (3) e.g. pasty substance, and a cylindrical container (4) provided with an auxiliary component (5). A mixer (6) is provided for the components. Drive devices (71, 72) are provided for one of the containers. Expelling of one of the components in the mixer is controlled independent of the other component. The expelling of the auxiliary component is regulated by a dosing unit e.g. reciprocating piston pump, provided between the container and the mixer. The drive devices are driven by gas pressure and and/or a motor. An independent claim is also included for a method for refilling a container of an auxiliary component of a dispensing tool.

IPC 8 full level

B01F 23/47 (2022.01); **B05C 17/005** (2006.01); **B05C 17/01** (2006.01)

CPC (source: EP US)

B01F 25/431 (2022.01 - EP US); **B01F 27/00** (2022.01 - EP US); **B01F 35/714** (2022.01 - EP US); **B01F 35/7174** (2022.01 - EP US); **B01F 35/7176** (2022.01 - EP US); **B05C 17/00553** (2013.01 - EP US); **B05C 17/00556** (2013.01 - EP US); **B05C 17/0103** (2013.01 - EP US); **B05C 17/015** (2013.01 - EP US); **B65B 3/04** (2013.01 - US); **B67D 7/74** (2013.01 - US)

Citation (search report)

See references of WO 2010070106A1

Citation (examination)

US 6769632 B2 20040803 - TAKEUCHI TOHRU [JP]

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EP 08172173 A 20081218; EP 09795770 A 20091218; EP 2009067537 W 20091218; US 201113161120 A 20110615; US 201414258685 A 20140422