

Title (en)

METERING DEVICE FOR POWDERY, FLAKY, OR FINE-GRAINED DOSING MATERIAL, PREFERABLY COFFEE POWDER, MILK POWDER, OR COCOA POWDER

Title (de)

DOSIERVORRICHTUNG FÜR PULVER- ODER FLOCKENFÖRMIGES ODER FEINKÖRNIGES DOSIERGUT, VORZUGSWEISE KAFFEE-MILCH- ODER KAKAOPULVER

Title (fr)

DISPOSITIF DE DOSAGE POUR MATIERE A DOSER EN POUDRE OU EN FLOCONS OU EN GRAINS FINS, DE PREFERENCE SOUS FORME DE POUDRE DE CAFE, DE LAIT OU DE CACAO

Publication

EP 1684620 A1 20060802 (DE)

Application

EP 04790653 A 20041020

Priority

- EP 2004011841 W 20041020
- DE 10354003 A 20031119

Abstract (en)

[origin: WO2005048791A1] The invention relates to a metering device (1) for powdery, flaky, or fine-grained dosing material (3), preferably coffee powder, milk powder, or cocoa powder. Said metering device (1) comprises a container (2) for accommodating the dosing material (3). A metering chamber (31) is embodied at the outlet (4) of the container (2) for dosing one portion of the dosing material (3) at a time. Said dosing material (3) is emptied into a receptacle via a discharge port (18) each time an actuating element (11) is actuated, the dosing material (3) being impinged upon by a flow (39, 36) of a blowing device (22) when being discharged in a metered manner. The inventive metering device prevents the discharge port (18) of the outlet (4) and the discharge point (39) which is formed at the free end (24) of the tube section (19) from being blocked.

IPC 8 full level

A47J 31/40 (2006.01); **G01F 11/18** (2006.01)

CPC (source: EP US)

A47J 31/404 (2013.01 - EP US); **G01F 11/18** (2013.01 - EP US)

Citation (search report)

See references of WO 2005048791A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005048791 A1 20050602; CN 100508844 C 20090708; CN 1882273 A 20061220; DE 10354003 A1 20050623; EP 1684620 A1 20060802; US 2006261095 A1 20061123; US 7398725 B2 20080715

DOCDB simple family (application)

EP 2004011841 W 20041020; CN 200480034317 A 20041020; DE 10354003 A 20031119; EP 04790653 A 20041020; US 43729006 A 20060519