

Title (en)

Apparatus for dosing colored pigments in a container for paint or neutral enamel

Title (de)

Vorrichtung zur Dosierung von farbigen Pigmenten in einem Behälter für Lack oder neutrale Emaille

Title (fr)

Appareil pour le dosage des pigments colorés dans un conteneur pour peinture ou émail neutre

Publication

**EP 1439000 B1 20100303 (EN)**

Application

**EP 04000475 A 20040113**

Priority

IT BO20030018 A 20030116

Abstract (en)

[origin: EP1439000A2] Apparatus includes a self-service color metering device for introducing dosed colored pigments into a neutral product contained in a container (5). The color metering device (100) includes a plurality of tanks (1) containing the colored pigments, connected to a corresponding number of delivery needles (3), situated in a coloring chamber (4). The container (5) has a cover (50), with a window (15) made therein, closed by a membrane (150) of elastomeric material. The container (5), together with . the cover (5), is placed on the plate (80) of a weighing machine (8), situated inside the coloring chamber (4). <??>After the user has entered necessary data and has prepaid the operation by suitable means of the color metering device (100), the raising means (18) raise the weighing machine (8) and the container (5), so that the delivery needles (3) pierces the membrane (150) and enter the container (5), to deliver said colored pigments. Afterwards, the container (5) is lowered, the holes of the membrane (15) close spontaneously, and the user can withdraw the container (5) with the product colored as required. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

WO2013084049A1; FR2939110A1; CN107754642A; ITUD20100126A1; US7815361B2; ITUD20110198A1; CN112955192A; EP2025393A1; CN114770790A; EP2384808A1; ITBO20100281A1; CN114392882A; US8176953B2; WO2007129190A3; WO2020024327A1; WO2011161532A1; WO2017029188A1; US9144778B2; WO2006036096A1; WO2023180771A1; WO2019122940A3

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