

Title (en)
DEVICE FOR APPLYING A FLOWABLE MEDIUM ONTO A MOVING SURFACE

Title (de)
VORRICHTUNG ZUM AUFBRINGEN EINES FLIESSFÄHIGEN MEDIUMS AUF EINE BEWEGTE OBERFLÄCHE

Title (fr)
DISPOSITIF PERMETTANT D'APPLIQUER UN AGENT FLUIDE SUR UNE SURFACE MOBILE

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Abstract (en)
[origin: WO0020123A1] The invention relates to a device for applying a flowable medium (2, 2') from a storage chamber (7, 8) onto a surface (6) that is moved along the device, and to the use of said device. The storage chamber (7,8) partially covers the surface (6), whereby a sealing gap (14) and an outlet gap (18) are formed. The storage chamber (7, 8) is sub-divided into a pre-storage chamber (7) and a main storage chamber (8) in order to prevent air bubbles from being formed in said medium (2, 2'). A separating element (10) is arranged between the chambers. Said separating element defines a separating gap (15) with the surface (6). Various forms of separating elements are provided. The device is particularly suitable for applying a polymer dispersion to the surface (6). The invention also relates to a method for operating one such device.

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B05C 1/0813 (2013.01 - EP US); **B05C 3/18** (2013.01 - EP US)

Citation (search report)
See references of WO 0020123A1

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EP1825922A3; EP1825922A2; US11413650B2; US11241708B2; US11331688B2; US11267014B2; WO2010063429A1; US11369987B2; US11504739B2; US8424482B2; DE102010049387A1; WO2012055686A1; US9808823B2

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