

Title (en)

MULTI-COMPONENT DISCHARGE DEVICE FOR LIQUID AND POWDERY MATERIALS

Title (de)

MEHRKOMPONENTEN-AUSTRAGVORRICHTUNG FÜR FLÜSSIGE UND PULVERFÖRMIGE STOFFE

Title (fr)

DISPOSITIF DE DISTRIBUTION DE COMPOSANTS MULTIPLES, POUR SUBSTANCES LIQUIDES ET PULVERULENTES

Publication

EP 1833739 A2 20070919 (DE)

Application

EP 05815906 A 20051220

Priority

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Abstract (en)

[origin: WO2006069460A2] The invention relates to a multi-component discharge device for liquid and powdery materials, which comprises a blister part (2) which is provided with at least two chambers (3-6) which are closed by means of a film and which are arranged in an adjacent manner, and a blister base (7) which is provided with at least one discharge part (13, 14) which acts upon said chambers. Channels (8, 9; 10, 11) which are closed to the outlet or channels comprising welded points (8F, 9F; 10F, 11F) are arranged between the chambers which are arranged downstream and/or between the last chambers in relation to the outlet and the blister part is secured to the blister base such that the welded points (8F, 9F; 10F, 11F) are flexible in such a manner that the material can pass through. The inventive discharge device (1) comprises a static mixer (12). The use of discharge parts for the simultaneous discharge of the chamber rows and the integration of a mixer is produced by enables a discharge device to be produced which enables substances to be discharged in a precise manner and to be mixed with economical elements in order to meet the requirements set out in the claims in the medical field.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2006069460A2

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