

Title (en)

METHOD FOR EMPTYING VISCOUS MATERIAL OUT OF A CARTRIDGE WHICH IS OPEN ON BOTH SIDES, AND EMPTYING DEVICE SUITABLE FOR THIS PURPOSE

Title (de)

VERFAHREN ZUM ENTLEEREN VON VISKOSEM MATERIAL AUS EINER BEIDSEITIG OFFENEN KARTUSCHE SOWIE HIERFÜR GEEIGNETE ENTLEER-VORRICHTUNG

Title (fr)

PROCÉDÉ POUR VIDER UN MATÉRIAU VISQUEUX D'UNE CARTOUCHE OUVERTE DES DEUX CÔTÉS, ET DISPOSITIF DE VIDAGE CONÇU À CET EFFET

Publication

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Application

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Abstract (en)

[origin: WO2022112022A1] The aim of the invention is to empty a cartridge (100) in a bubble-free manner. This is achieved in that the material (M) is pressed out of the removal opening (100a) of the cartridge (100) into a large-surface distributing head (7) which has a plurality of small outlet openings (17) on the lower face, whereby a plurality of thin strands (S1, S2, S3) are produced, said strands having a very large surface area in comparison to the volume thereof so that gas that is outgassed in the process can be removed via a vacuum applied about the strands. The strands (S1, S2, S3) fall into a collecting container (2) arranged underneath, and after the cartridge (100) is completely emptied, the strands are transported from the collecting container further downwards via the outlet opening (29), which can be found in the base of the collecting container (2), and into the discharge line (20), which is connected thereto and leads to the load, e.g. a metering device (300), by driving the distributing head (7) into the open side of the collecting container (2).

IPC 8 full level

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