

Title (en)

APPARATUS AND METHOD FOR FILLING CAVITIES WITH PARTICULATE MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM FÜLLEN VON HOHLRÄUMEN MIT PARTIKELMATERIAL

Title (fr)

APPAREIL ET PROCÉDÉ PERMETTANT DE REMPLIR DES CAVITÉS AVEC UNE MATIÈRE PARTICULAIRE

Publication

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Application

EP 14712635 A 20140318

Priority

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Abstract (en)

[origin: WO2014147057A2] The apparatus for filling cavities with particulate material comprises a conveyor belt comprising an orifice. The orifice is adapted for accommodating particulate material and for dispensing the particulate material through the orifice. The apparatus further comprises a first and a second guiding wheel for transporting and guiding the conveyor belt. The first and second guiding wheels are arranged at a distance to each other and such that the conveyor belt comprises a straight belt portion arranged between the first and the second guiding wheel. A retention element is arranged adjacent the lower side of the conveyor belt for keeping the orifice closed before the orifice reaches a transfer location at the first guiding wheel. The retention element and the straight belt portion are further arranged to allow particulate material in the orifice to be dispensed through the open orifice at the transfer location, wherein the particulate material is transferred to the conveyor belt through the first guiding wheel.

IPC 8 full level

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