

Title (en)
DUAL STATION APPLICATOR WHEELS FOR FILLING CAVITIES WITH METERED AMOUNTS OF PARTICULATE MATERIAL

Title (de)
DOPPELSTATION-AUFTRAGSRÄDER ZUM FÜLLEN VON KAVITÄTEN MIT DOSIERTEN MENGEN VON PARTIKELFÖRMIGEN STOFFEN

Title (fr)
DEUX POSTES D'APPLICATION A ROUES POUR REMPLIR DES CAVITES DE QUANTITES MESUREES DE MATERIAU PARTICULAIRE

Publication
EP 1427634 B1 20110406 (EN)

Application
EP 02794885 A 20020814

Priority

- US 0225730 W 20020814
- US 93137601 A 20010817
- US 40035302 P 20020731

Abstract (en)
[origin: WO03016137A1] Apparatus and method for filling spaced apart cavities (18) with particulate material (24) include a transport (26, 28) for moving the cavities (18) along a path of travel. The cavities (18) are partially filled with particulate material (24) at an upstream location while applying vacuum underneath each cavity (1) during such partial filling. The partially filled cavities (18) are then completely filled with a downstream deposit of particulate material (24) while applying vacuum to the upper sides of each cavity (18) during such filling. The combination of vacuum applied underneath the cavity during partial fill and vacuum applied to the top sides of the cavity (18) during complete fill produces approximately 100 % cavity fill with minimal extraneous scatter of particulate material (24).

IPC 8 full level
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CPC (source: EP)
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