

Title (en)

METHOD AND DEVICE FOR CREATING MARKING LINES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG VON MARKIERUNGSLINIEN

Title (fr)

PROCEDE ET DISPOSITIF POUR GENERER DES LIGNES DE MARQUAGE

Publication

EP 1702111 B1 20100224 (DE)

Application

EP 04804200 A 20041222

Priority

- EP 2004014604 W 20041222
- DE 10361531 A 20031223

Abstract (en)

[origin: US7584902B2] A device carried on a moving vehicle for creating marking lines, which are a plurality of elements and are made of a highly viscous marking material, on a surface that is to be marked. The device includes a housing formed by walls and a discharge slot formed in at least one of the walls of the housing and extending transversely to a direction of movement of the vehicle, the discharge slot being limited in extent by a front discharge slot edge and a rear discharge slot edge, seen in the direction of movement of the vehicle. A pressurized material supply line leads to an interior of the housing. A rotatable hollow cylinder formed of a jacket is located in the interior of the housing and is arranged to rotate with the movement of the vehicle carrying the device. The cylinder is provided with a plurality of passages through the jacket, which, depending on a rotary position of the cylinder, establish a connection between the pressurized material supply line and the discharge slot. The rotary cylinder is positioned in the housing with an outer circumferential surface of its jacket spaced at a distance from the walls of the housing and essentially forms a sealing gap only in an area of the discharge slot edges.

IPC 8 full level

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CPC (source: EP US)

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