

Title (en)

APPARATUS FOR APPLYING A JOINT OR CRACK SEALANT, MORE PARTICULARLY ON ROAD SURFACINGS

Publication

EP 0006788 B1 19820804 (FR)

Application

EP 79400374 A 19790608

Priority

FR 7818742 A 19780622

Abstract (en)

[origin: EP0006788A2] 1. Apparatus for applying a product for sealing joints or cracks, particularly on road surfaces, comprising a nozzle (9) for injecting the produkt, connected to a sealing product source under pressure and at an adequate temperature, carried by an accessory motor-driven or towed appliance, by means of a flexible pipe (12) having an outer cover in which may flow a thermo-regulated fluid for maintaining the temperature of said product ; handles (7) for an operator walking on the ground to guide and bring said nozzle (9) either into a lowered position in which its orifice opens out in the immediate vicinity of the surface (10), or in the raised position ; a valve (11) for regulating the input flowrate of the product to said nozzle, and a member (14) for controlling said valve, characterised in that it is constructed essentially in the form of a frame (1) carrying at least one running wheel (6) situated at the front or at the rear, and adapted to run over the surface and, at its two opposite ends, respectively the handles (7) and the injection nozzle (9), the end of the frame (1) which carries the injection nozzle (9) in a plane view presenting substantially the shape of a triangle (8) open towards the front - considering the normal direction of travel provided for the apparatus - and in the rear angle of which is located said nozzle (9), this triangular shaped part being arranged so that its lower edge bears on said surface when the injection nozzle (9) occupies the above-mentioned lowered position, and thus forms a scraper shoe.

IPC 1-7

E01C 23/09

IPC 8 full level

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CPC (source: EP)

E01C 23/096 (2013.01); **E01C 23/098** (2013.01)

Cited by

CN105839508A; CN114411518A; CN113684747A; CN116201914A; CN109322234A; US12000097B1; US8186762B2; WO2008030147A1

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