

Title (en)

Device for spreading a fluid substance and machine allowing simultaneous application of the substance and road covering material

Title (de)

Vorrichtung zum Verteilen einer flüssigen Substanz und Maschine zum gleichzeitigen Aufbringen der Substanz und eines Strassendeckenmaterials

Title (fr)

Dispositif d'épandage d'une substance fluide et machine permettant l'application simultanée de cette substance et du revêtement d'une chaussée

Publication

EP 0470877 B1 19960619 (FR)

Application

EP 91402046 A 19910723

Priority

FR 9010141 A 19900808

Abstract (en)

[origin: EP0470877A1] The device for spreading a fluid substance or the like, for example a bonding emulsion for bituminous coated materials, over the surface of a road, comprises, on a movable machine (1), at least one spreading boom (18) along which spreading is at least partially performed, the said boom (18) being associated with at least one ejection nozzle (31) as well as with a supply circuit (8) for the said nozzle (31), the said nozzle (31) being associated with means for controlling its flow (32) and for controlling its position (25) relative to the said machine (1), actuated simultaneously as a function of the displacement of the said movable machine (1) so that the said nozzle (31) performs a discharge via sequenced jet of the above-mentioned substance over the spreading surface; the machine comprising this device is of the road-finisher type. <IMAGE>

IPC 1-7

E01C 19/17; **E01C 19/48**

IPC 8 full level

E01C 19/17 (2006.01); **E01C 19/48** (2006.01)

CPC (source: EP US)

E01C 19/176 (2013.01 - EP US); **E01C 19/48** (2013.01 - EP US); **E01C 2301/30** (2013.01 - EP US)

Cited by

DE102007062671A1; CN112227134A; CN109518567A; AT407717B; US5957621A; CN109958039A; CN111691268A; EP0570753A1; FR2918586A1; DE202015007523U1; DE202007018971U1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0470877 A1 19920212; **EP 0470877 B1 19960619**; AT E139589 T1 19960715; DE 69120353 D1 19960725; ES 2087980 T3 19960801; FR 2665717 A1 19920214; FR 2665717 B1 19930806; US 5279500 A 19940118

DOCDB simple family (application)

EP 91402046 A 19910723; AT 91402046 T 19910723; DE 69120353 T 19910723; ES 91402046 T 19910723; FR 9010141 A 19900808; US 74009791 A 19910805