

Title (en)

Road marking vehicle with a pump driven proportionally to the vehicle speed

Title (de)

Strassenmarkierungsmaschine mit fahrgeschwindigkeitsproportional angetriebener Pumpenkombination

Title (fr)

Machine de marquage de routes avec un ensemble de pompe entraîné de façon proportionnelle à la vitesse de déplacement

Publication

EP 0887111 A3 19990818 (DE)

Application

EP 98108030 A 19980502

Priority

DE 19727622 A 19970628

Abstract (en)

[origin: DE19727622C1] The machine has at least one spray gun (113), for directing a pumped marking material on to the road surface and a pair of displacement pumps (1a,1b), for dosed delivery of the marking material to the spray gun, which are operated in combination depending on the velocity of the marking machine. Each pump has a hydraulic drive cylinder and a controlled outlet valve for providing a pressure during the initial feed stroke which is equal to the feed pressure of the other pump which is already in operation.

IPC 1-7

B05B 9/06; E01C 23/22

IPC 8 full level

E01C 23/22 (2006.01)

CPC (source: EP US)

E01C 23/22 (2013.01 - EP US)

Citation (search report)

- [XA] FR 1464151 A 19661230
- [X] GB 2071785 A 19810923 - HOFMANN WALTER MASCHF
- [A] EP 0233099 A1 19870819 - GREGGORY SA [FR]
- [A] FR 2649452 A1 19910111 - PROSIGN SA [FR]

Cited by

US11628048B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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DE 19727622 C1 19981022; DK 0887111 T3 20030407; EP 0887111 A2 19981230; EP 0887111 A3 19990818; EP 0887111 B1 20021211; ES 2190806 T3 20030816; US 6047902 A 20000411

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DE 19727622 A 19970628; DK 98108030 T 19980502; EP 98108030 A 19980502; ES 98108030 T 19980502; US 9652098 A 19980612