

Title (en)

A method of re-paving roads paved with paving stones or bricks, and apparatus for the application of the method.

Title (de)

Verfahren zum Wiederbepflastern von mit Pflastersteinen bedeckten Strassen und Vorrichtung zum Ausführen des Verfahrens.

Title (fr)

Procédé pour renouveler les routes revêtues de pavés et appareil pour la mise en oeuvre du procédé.

Publication

EP 0256169 A1 19880224 (EN)

Application

EP 86201420 A 19860813

Priority

NL 8500418 A 19850214

Abstract (en)

A method of, and apparatus for re-paving roads paved with paving stones or bricks, in which the stones or bricks are taken up from the existing paving (1), cleaned and stored, the sand bed (2) is prepared, and the stones or bricks are re-layed. According to the invention, the cleaned stones or bricks are supplied to a mobile pattern forming machine (7) positioned on the sand bed (2) between the old paving (1) and a part of the road already re-paved (5). In the mobile pattern forming machine the stones or bricks are automatically and one by one passed along a visual inspection station and put in a desired position. Subsequently they are automatically supplied to a section of a pattern forming table constituting part of the pattern forming machine (7), where the stones or bricks are automatically formed into laying units. These units are stacked alongside the road and subsequently picked up by a paving machine (12) positioned on a portion of the pavement already re-paved (5), and laid on the meanwhile levelled sand bed (2) between the mobile pattern forming machine (7) and the re-paved road surface (5).

IPC 1-7

E01C 19/00; **E01C 19/52**; **E01C 23/12**

IPC 8 full level

E01C 19/00 (2006.01); **E01C 19/52** (2006.01); **E01C 23/12** (2006.01)

CPC (source: EP)

E01C 19/00 (2013.01); **E01C 19/52** (2013.01); **E01C 23/121** (2013.01)

Citation (search report)

- [A] EP 0164146 A2 19851211 - LUIJTEN AREND
- [A] EP 0047041 A2 19820310 - DALFSEN RUDOLF HENDRIK VAN [NL], et al
- [A] DE 2335183 A1 19750130 - BAUTECHNOLOGIE FORSCH
- [E] NL 8500418 A 19860901 - HET NOORDEN INGBUREAU

Cited by

EP2071081A1; DE102010015194A1; EP1600556A3; DE102013006319A1; DE102013006319B4; EP1074660A1; NL1037308C2; CN114856240A; EP2505713A1; NL1038468C2; NL2001093C2; NL2000599C2; NL1038818C2; NL2000945C2; BE1020422A5; DE102010015194B4; EP2050874A1; US7518079B2; WO03104566A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0256169 A1 19880224; **EP 0256169 B1 19900502**; NL 189867 B 19930316; NL 189867 C 19960524; NL 8500418 A 19860901

DOCDB simple family (application)

EP 86201420 A 19860813; NL 8500418 A 19850214