

Title (en)
METHOD FOR RENOVATING ROADWAYS

Publication
EP 0158560 B1 19870610 (FR)

Application
EP 85400578 A 19850326

Priority
FR 8405071 A 19840330

Abstract (en)
[origin: EP0158560A1] 1. A process for renovating roadways generally comprising a foundation layer, a base course and a pavement, according to which the old roadway is regenerated by a treatment which comprises removal of the existing roadway, collection and screening of the material removed, and addition of new materials which are mixed with the screened material and which are compensating aggregates and stabilising substances in the form of a binder and water, characterized in that the removal of the existing roadway is carried out throughout its full thickness so as to obtain blocks with a maximum dimension of 700 mm for thick products and of 1 000 mm for flat products, the material removed is crushed so as to obtained a crushed product with a granulometry of 0 to 40 mm, and the above-mentioned successive phases of the treatment, removal, collection, crushing, addition of new materials, are carried out in situ by a train of mobile machines which move along the roadway as the treatment progresses, the train of machines also performing the subsequent phases, namely spreading and levelling, along the ground, as the old roadway is removed, a single layer of regenerated material replacing the old foundation layers and base course and containing all materials so recycled from the old roadway and the addition of new materials, packing this single layer, after fine adjustment of the evenness of its surface transversely, and conventional finishing consisting in laying a pavement.

IPC 1-7
E01C 23/06; **E01C 3/00**; **E01C 3/04**

IPC 8 full level
E01C 3/00 (2006.01); **E01C 3/04** (2006.01); **E01C 23/06** (2006.01)

CPC (source: EP)
E01C 3/003 (2013.01); **E01C 3/04** (2013.01); **E01C 23/065** (2013.01)

Cited by
EP0521993A4; FR3051202A1; EP0597176A1; AU666543B2; US5741085A; GB2443191B; US8021076B2; WO2017194873A1; WO2008025343A3

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