

Title (en)

APPARATUS FOR IN-PLACE RECYCLING OF MATERIALS FORMING PART OF A ROADWAY PAVEMENT

Title (de)

VORRICHTUNG FÜR VOR-ORT-RECYCLING VON MATERIALIEN EINES STRASSENBELAGS

Title (fr)

DISPOSITIF POUR LE RECYCLAGE IN SITU DE MATERIAUX CONSTITUTIFS D'UNE CHAUSSEE DE CIRCULATION

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Application

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Abstract (en)

[origin: WO2017194873A1] The application relates to an apparatus (1) for in-place recycling of materials that form part of a roadway pavement (6) comprising agglomerated aggregates in a bituminous composition, said apparatus comprising a load-bearing structure which is suitable for driving on the pavement in a direction of travel and carries, from the front to the rear in the direction of travel, a transverse milling machine (2) for milling the pavement to a defined depth and width so as to produce milling debris (7), a mixing device for mixing the milling debris with a binding composition (9), and a spreading sub-assembly (4) for distributing the milling debris mixed (8) with the binding composition across the width of the milled pavement. According to the invention, the apparatus further comprises a crusher (3) which has blades (31), is disposed between the milling machine and the mixing device, is open on the bottom, and is used for crushing the milling debris. In one embodiment, the crusher and the mixing device are located in a single unit. The application also relates to a crusher (3) for milling debris (7) from roadway pavements (6).

IPC 8 full level

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