

Title (en)
ROAD FINISHER AND METHOD WITH TRANSVERSE PROFILE CONTROL

Title (de)
STRASSENFERTIGER UND VERFAHREN MIT QUERPROFILSTEUERUNG

Title (fr)
FINISSEUSE DE ROUTE ET PROCÉDÉ À COMMANDE DE PROFIL TRANSVERSAL

Publication
EP 3892777 B1 20230830 (DE)

Application
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Priority
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Abstract (en)
[origin: CN113494039A] The invention relates to a road finisher (1) with a screed (3). The screed (3) comprises at least one compaction unit (5, 7, 9); and the road finisher (1) further comprises a GNSS receiver (25) and a material conveyor (13). The road finisher (1) further comprises an electronic control system (19) comprising a memory (21) and a data processor (23), wherein digital construction data (37), in particular a nominal height profile (43) of the road surface (15) to be finished, is stored in a memory (21). The control system (19) is configured to automatically control, based on the construction data (37), an actuator mechanism (17, 55, 61, 67) provided on the road finisher (1) to install the paving material (11) having a nominal height profile (43). Therefore, the defined transverse contour is installed for the corresponding position coordinate point (45) of the road finisher (1) determined by the GNSS receiver (25).

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