

Title (en)  
MACHINE TRAIN CONSISTING OF A ROAD MILLING MACHINE AND A PAVER AND METHOD FOR OPERATING A ROAD MILLING MACHINE AND A PAVER

Title (de)  
MASCHINENZUG AUS EINER STRASSENFRÄSMASCHINE UND EINEM STRASSENFERTIGER UND VERFAHREN ZUM BETREIBEN EINER STRASSENFRÄSMASCHINE UND EINES STRASSENFERTIGERS

Title (fr)  
TRAIN DE MACHINES COMPRENANT UNE FRAISEUSE ROUTIÈRE ET UNE FINISSEUSE DE ROUTE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE FRAISEUSE ROUTIÈRE ET D'UNE FINISSEUSE DE ROUTE

Publication  
**EP 3741914 B1 20220427 (DE)**

Application  
**EP 20180921 A 20180518**

Priority  
• DE 102017005015 A 20170526  
• EP 18173127 A 20180518

Abstract (en)  
[origin: US2018340302A1] The invention relates to a machine train composed of a road milling machine 1 that travels in front and comprises a machine frame 3 supported by crawler tracks 3, 4 or wheels and a milling drum 10 arranged on the machine frame that is for milling away material, and to a road finisher 16 that travels behind and comprises a machine frame 18 which is supported by crawler tracks 17 or wheels and on which a reservoir 19 for material to be laid and a screed 20 for laying material are arranged. The invention also relates to a method for operating a machine train composed of a road milling machine travelling in front and a road finisher travelling behind. The machine train composed of the road milling machine and the road finisher is characterized in that the road milling machine 1 has a profile data determining device 33, wherein the profile data determining device 33 is configured so that a sequence of height profile data describing the height of the road surface in the longitudinal direction is determined while the road milling machine advances. For transmission of the height profile data, a data transmission device 27 is provided on the road milling machine 1 and a data receiving device 27 is provided on the road finisher 16. To change the position of the screed 20, the road finisher 1 has a levelling device 23 that comprises at least one actuator 24 and a controller 23A, which is configured so that the controller 23A generates a control signal for controlling the at least one actuator 24 in accordance with a height profile data set.

IPC 8 full level  
**E01C 19/00** (2006.01); **E01C 19/48** (2006.01); **E01C 23/088** (2006.01)

CPC (source: CN EP US)  
**E01C 19/004** (2013.01 - EP US); **E01C 19/006** (2013.01 - US); **E01C 19/48** (2013.01 - EP US); **E01C 19/4866** (2013.01 - CN); **E01C 23/01** (2013.01 - CN); **E01C 23/088** (2013.01 - CN EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3406799 A1 20181128**; **EP 3406799 B1 20200701**; CN 108930218 A 20181204; CN 108930218 B 20210402; CN 208701480 U 20190405; DE 102017005015 A1 20181129; EP 3741914 A1 20201125; EP 3741914 B1 20220427; US 11193245 B2 20211207; US 11629463 B2 20230418; US 2018340302 A1 20181129; US 2022145552 A1 20220512

DOCDB simple family (application)  
**EP 18173127 A 20180518**; CN 201810514844 A 20180525; CN 201820791750 U 20180525; DE 102017005015 A 20170526; EP 20180921 A 20180518; US 201815987958 A 20180524; US 202117539395 A 20211201