

Title (en)
ASPHALT FINISHER

Title (de)
ASPHALTFERTIGER

Title (fr)
DISPOSITIF DE FINITION D'ASPHALTE

Publication
EP 4130383 A4 20230830 (EN)

Application
EP 21775663 A 20210318

Priority
• JP 2020056662 A 20200326
• JP 2021011078 W 20210318

Abstract (en)
[origin: EP4130383A1] The asphalt finisher (100) of claim 1 includes: a tractor (1); a hopper (2) installed in front of the tractor (1) and configured to receive pavement material; a conveyor (CV) configured to feed the pavement material in the hopper (2) to the rear of the tractor (1); a screw (SC) configured to spread, behind the tractor (1), the pavement material fed by the conveyor (CV) ; a screed (3) configured to flatten, behind the screw (SC), the pavement material spread by the screw (SC); an information acquiring device (51) configured to acquire information related to a road targeted for application; and a control device (50) configured to control the movement of the tractor (1) based on a target trajectory (TPT) or a target position (Pf) that is determined by information related to the road targeted for application acquired by the information acquiring device (51).

IPC 8 full level
E01C 19/48 (2006.01)

CPC (source: EP)
E01C 19/006 (2013.01); **E01C 19/48** (2013.01)

Citation (search report)
• [X] CN 104278616 A 20150114 - GUANGDONG HILIPU ROAD & BRIDGE INF ENG CO LTD
• [A] JP 2019007307 A 20190117 - SUMITOMO SHI CONSTRUCTION MACHINERY CO LTD
• [A] US 5484227 A 19960116 - IKEDA HACHIRO [JP], et al
• See also references of WO 2021193351A1

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 4130383 A1 20230208; EP 4130383 A4 20230830; CN 114901908 A 20220812; JP WO2021193351 A1 20210930;
WO 2021193351 A1 20210930

DOCDB simple family (application)
EP 21775663 A 20210318; CN 202180007688 A 20210318; JP 2021011078 W 20210318; JP 2022510039 A 20210318