

Title (en)
ASPHALT FINISHER

Title (de)
ASPHALTFERTIGER

Title (fr)
FINISSEUR D'ASPHALTE

Publication
EP 4253657 A1 20231004 (EN)

Application
EP 23160340 A 20230307

Priority
JP 2022061070 A 20220331

Abstract (en)
Improvement of safety is realized. An asphalt finisher (100) includes a tractor (1), a hopper (2) that is provided on a front side of the tractor (1), a conveyor (CV) that transports a paving material in the hopper (2) to a rear side of the tractor (1), a screw (3) that spreads the paving material, which is transported by the conveyor (CV) and which is sprinkled to a road surface, in a vehicle width direction, and a screed device (31) that levels the paving material spread by the screw (3) on a rear side of the screw (3) and that is capable of expanding and contracting in the vehicle width direction, in which expansion and contraction of the screed device (31) is configured to be controlled such that a length of the screed device (31) in the vehicle width direction does not fall below a predetermined length based on the screw (3).

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

CPC (source: CN EP)
E01C 19/006 (2013.01 - EP); **E01C 19/48** (2013.01 - CN EP); **E01C 2301/16** (2013.01 - EP)

Citation (applicant)
JP 2019007336 A 20190117 - VOEGELE AG J

Citation (search report)

- [X] JP H04105108 U 19920910
- [A] US 2021009038 A1 20210114 - SAKAKIBARA AKIRA [JP], et al
- [A] EP 3819430 A1 20210512 - SUMITOMO SHI CONSTR MACH CO [JP]

Cited by
EP4286588A1

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4253657 A1 20231004; CN 116892148 A 20231017; JP 2023151461 A 20231016

DOCDB simple family (application)
EP 23160340 A 20230307; CN 202310258722 A 20230317; JP 2022061070 A 20220331