

Title (en)

ASPHALT FINISHER AND MACHINE LEARNING DEVICE

Title (de)

ASPHALTFERTIGER UND MASCHINENLERNVORRICHTUNG

Title (fr)

ÉPANDEUSE AUTOMATIQUE D'ENROBÉ ET DISPOSITIF D'APPRENTISSAGE MACHINE

Publication

EP 4130384 A4 20230823 (EN)

Application

EP 21776333 A 20210318

Priority

- JP 2020059058 A 20200327
- JP 2021011220 W 20210318

Abstract (en)

[origin: EP4130384A1] The asphalt finisher 100 includes the tractor 1, the hopper 2 installed in front of the tractor 1 to receive paving material, the conveyor CV to convey the paving material in the hopper 2 to the rear side of the tractor 1, the screw SC to lay and spread the paving material conveyed by the conveyor CV behind the tractor 1, and the screed 3 to lay and level the paving material laid and spread by the screw SC behind the screw SC. The asphalt finisher 100 further includes the space recognition device CM to monitor a state in the hopper 2 and the controller 50 to move the hopper 2 based on the output of the space recognition device CM.

IPC 8 full level

E01C 19/48 (2006.01)

CPC (source: EP)

E01C 19/48 (2013.01)

Citation (search report)

- [A] WO 2020027314 A1 20200206 - SUMITOMO SHI CONSTR MACH CO [JP]
- [A] WO 2019031318 A1 20190214 - SUMITOMO SHI CONSTR MACH CO [JP]
- [YA] WO 2017010541 A1 20170119 - SUMITOMO(S H I) CONSTRUCTION MACHINERY CO LTD [JP]
- [XY] DE 9402324 U1 19950614 - VOEGELE AG J [DE]
- [A] JP 2009299338 A 20091224 - SUMITOMO CONSTR MACHINERY MFG
- [YA] JP 2014047568 A 20140317 - SUMITOMO CONSTR MACHINERY MFG
- See also references of WO 2021193381A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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