

Title (en)
ASPHALT FINISHER

Title (de)
ASPHALTFERTIGER

Title (fr)
FINISSEUR D'ASPHALTE

Publication
EP 3868956 A4 20211229 (EN)

Application
EP 19872842 A 20191017

Priority
• JP 2018195806 A 20181017
• JP 2019040987 W 20191017

Abstract (en)
[origin: EP3868956A1] An asphalt finisher (100) includes a tractor (1), a hopper (2), a conveyor (CV) configured to convey a pavement material in the hopper (2) to a rear side of the tractor (1), a screw (SC) configured to lay and spread, at a rear side of the tractor (1), the pavement material conveyed by the conveyor (CV), and a screed (3) configured to lay and level, at a rear side of the screw (SC), the pavement material laid and spread by the screw (SC). The screed (3) includes a main screed (30), a left extendable screed (31L), and a right extendable screed (31R) that are offset relative to each other so as not to overlap with each other in a vehicle-length direction. The right extendable screed (31R) is supported by an upper right guide shaft (63TR) and a lower right guide shaft (63BR). Each of the upper right guide shaft (63TR) and the lower right guide shaft (63BR) is prevented from rotating by detents at both ends thereof, and one of the detents at one end is provided within a width of the main screed (30).

IPC 8 full level
E01C 19/48 (2006.01)

CPC (source: EP)
E01C 19/48 (2013.01); **E01C 2301/10** (2013.01); **E01C 2301/16** (2013.01)

Citation (search report)
• [XYI] JP 2008255642 A 20081023 - CATERPILLAR JAPAN LTD
• [X] JP H07102521 A 19950418 - CATERPILLAR MITSUBISHI LTD
• [YD] JP H11350418 A 19991221 - SUMITOMO CONSTR MACH
• [X] JP 2009287196 A 20091210 - HANDA KIKAI KK
• See references of WO 2020080497A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3868956 A1 20210825; EP 3868956 A4 20211229; CN 112888822 A 20210601; CN 112888822 B 20230714; JP 7247212 B2 20230328; JP WO2020080497 A1 20211202; WO 2020080497 A1 20200423

DOCDB simple family (application)
EP 19872842 A 20191017; CN 201980068664 A 20191017; JP 2019040987 W 20191017; JP 2020553317 A 20191017