

Title (en)

ROAD FINISHING MACHINE WITH CHANNEL SHEET EXTENSION

Title (de)

STRASSENFERTIGER MIT KANALBLECHEXTENSION

Title (fr)

FINISSEUSE DE ROUTE AVEC PLAQUE DE LIMITATION D'EXTENSION

Publication

EP 3575491 B1 20210324 (DE)

Application

EP 18175547 A 20180601

Priority

EP 18175547 A 20180601

Abstract (en)

[origin: US2019368136A1] A limiting plate of a road paver is detachably attached to a traverse or to a chassis of the road paver to increase the basic working width. The limiting plate is arranged with variable spacing to a subgrade. In order to prevent a mix from flowing forwards in a direction of travel and at the same time improve the efficiency of a screw conveyor, in which a geometrically defined screw trough is formed, a limiting plate extension is arranged on the limiting plate so that it can be adjusted, particularly in the direction of the subgrade.

IPC 8 full level

E01C 19/48 (2006.01)

CPC (source: BR CN EP US)

E01C 19/185 (2013.01 - BR US); **E01C 19/48** (2013.01 - BR CN EP); **E01C 19/4866** (2013.01 - CN); **E01C 19/4873** (2013.01 - US); **E01C 2301/14** (2013.01 - EP)

Citation (examination)

EP 1120495 A1 20010801 - JOSEPH VOEGELE AG [DE]

Citation (opposition)

Opponent : Volvo Construction Equipment AB

- JP 2004011347 A 20040115 - NIPPO CORP KK
- CN 102704384 A 20121003 - ZOOMLION HEAVY IND SCI & TECH
- US 3403609 A 19681001 - BRADSHAW WILBERT C, et al
- EP 1120495 A1 20010801 - JOSEPH VOEGELE AG [DE]
- DE 102010004785 A1 20110526 - DYNAPAC GMBH [DE]
- US 2014064848 A1 20140306 - ENGEL BRETT WAYNE [US], et al
- EP 2169117 A1 20100331 - JOSEPH VOEGELE AG [DE]
- US 2017051460 A1 20170223 - GUILMETTE GEORGE [US]
- CN 200955117 Y 20071003 - SHU XIANG [CN]

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US11479925B2

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 3575491 A1 20191204; EP 3575491 B1 20210324; BR 102019010964 A2 20200428; BR 102019010964 B1 20240312; CN 110552275 A 20191210; CN 210657898 U 20200602; JP 2020016141 A 20200130; JP 2021131012 A 20210909; JP 7228617 B2 20230224; PL 3575491 T3 20211129; US 11479925 B2 20221025; US 2019368136 A1 20191205

DOCDB simple family (application)

EP 18175547 A 20180601; BR 102019010964 A 20190529; CN 201910466283 A 20190530; CN 201920805062 U 20190530; JP 2019100339 A 20190529; JP 2021065129 A 20210407; PL 18175547 T 20180601; US 201916427996 A 20190531