

Title (en)
CHANNEL SHEET OF A ROAD FINISHING MACHINE

Title (de)
KANALBLECH EINES STRASSENFERTIGERS

Title (fr)
PLAQUE DE LIMITATION D'UNE FINISSEUSE DE ROUTE

Publication
EP 3575491 A1 20191204 (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.

Abstract (de)
Ein Kanalblech (6) eines Straßenfertigers (1) ist an diesen zur Erhöhung der Arbeitsgrundbreite an einer Traverse oder am Chassis des Straßenfertigers lösbar befestigt. Das Kanalblech ist abstandsvariabel zu einem Planum angeordnet. Um Fließen von Mischgut in Fahrtrichtung nach vorne zu verhindern und gleichzeitig einen Wirkungsgrad des Schneckenförderers zu verbessern, in dem ein geometrisch definierter Schneckenktrag gebildet wird, ist eine Kanalblechextension am Kanalblech insbesondere in Richtung Planum verstellbar angeordnet.

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 (applicant)
EP 17206966 A 20171213

Citation (search report)

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- [YA] CN 102704384 A 20121003 - ZOOMLION HEAVY IND SCI & TECH
- [YA] US 3403609 A 19681001 - BRADSHAW WILBERT C, et al
- [XAY] EP 2169117 A1 20100331 - VOEGELE AG J [DE]
- [XAY] DE 102010004785 A1 20110526 - DYNAPAC GMBH [DE]
- [YA] US 2014064848 A1 20140306 - ENGEL BRETT WAYNE [US], et al
- [A] US 2017051460 A1 20170223 - GUILMETTE GEORGE [US]

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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

Designated extension state (EPC)
BA ME

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