

Title (en)
Construction machine with material conveyor system

Title (de)
Baumaschine mit Materialfördersystem

Title (fr)
Engin avec système de transport de matériaux

Publication
EP 2711460 B1 20160824 (DE)

Application
EP 12006643 A 20120921

Priority
EP 12006643 A 20120921

Abstract (en)
[origin: EP2711460A1] The machine has a material hopper receiving bulk material, and a material conveying system (5) conveying the bulk material. The material conveying system comprises conveying screws (6, 7) in an area of the hopper, and a gap extends directly below the conveying screws. A cross section of the gap varies along a conveying direction of the conveying screws, where the gap is variably adjustable in size during operation of the construction machine. A pitch of the conveying screws varies along the conveying direction.

IPC 8 full level
E01C 19/48 (2006.01)

CPC (source: EP US)
E01C 19/002 (2013.01 - US); **E01C 19/48** (2013.01 - EP US)

Cited by
DE202014007084U1; EP2990530A1; DE102015009530A1; EP3594409A1; US11091886B2

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 2711460 A1 20140326; EP 2711460 B1 20160824; CN 103669171 A 20140326; CN 103669171 B 20170104; CN 203782523 U 20140820; JP 2014062450 A 20140410; JP 5864493 B2 20160217; PL 2711460 T3 20170228; US 2014086685 A1 20140327; US 9028167 B2 20150512

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EP 12006643 A 20120921; CN 201310430158 A 20130918; CN 201320582453 U 20130918; JP 2013187193 A 20130910; PL 12006643 T 20120921; US 201314032500 A 20130920