

Title (en)
Self-propelled construction machine

Title (de)
Selbstfahrende Baumaschine

Title (fr)
Engin de construction automoteur

Publication
EP 2708650 A3 20151118 (DE)

Application
EP 13002815 A 20130531

Priority
DE 102012012397 A 20120625

Abstract (en)
[origin: US2013341996A1] A self-propelling construction machine has a machine frame, an operating drum and a drum housing enclosing the operating drum. The drum housing is closed off by a front and/or rear sealing element and/or lateral sealing element. The construction machine has a mechanism for raising and lowering the at least one sealing element. A measuring unit is configured so that the measuring unit measures the forces acting on the sealing element when the sealing element encounters an obstacle. A control unit generates a control signal for raising the sealing element when the force measured by the measuring unit is larger than a predetermined limit value, so that the sealing element is raised.

IPC 8 full level
E01C 23/088 (2006.01); **E01C 21/00** (2006.01)

CPC (source: EP US)
E01C 23/088 (2013.01 - EP US); **E01C 23/127** (2013.01 - US)

Citation (search report)

- [X1] CN 102168401 A 20110831 - UNIV CHANGAN, et al
- [I] EP 1522634 A2 20050413 - WIRTGEN GMBH [DE]
- [AD] EP 2050875 A2 20090422 - DYNAPAC GMBH [DE]

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)
US 2013341996 A1 20131226; US 8944517 B2 20150203; CN 103510456 A 20140115; CN 103510456 B 20170718;
CN 203393584 U 20140115; DE 102012012397 A1 20140424; EP 2708650 A2 20140319; EP 2708650 A3 20151118; EP 2708650 B1 20181003;
US 2015197901 A1 20150716; US 9422677 B2 20160823

DOCDB simple family (application)
US 201313788897 A 20130307; CN 201310256567 A 20130625; CN 201320367700 U 20130625; DE 102012012397 A 20120625;
EP 13002815 A 20130531; US 201514605147 A 20150126