

Title (en)
Construction machine

Title (de)
Baumaschine

Title (fr)
Engin

Publication
EP 2772589 A1 20140903 (DE)

Application
EP 13005396 A 20131115

Priority
DE 102013003491 A 20130228

Abstract (en)
The machine has a hydraulic attachment i.e. arm, including a pivot bearing (1). A separator plate (2) is provided at the pivot bearing. The separator plate is connectable to the pivot bearing and to hydraulic lines. The separator plate includes a first connection section (3) to which the hydraulic lines are connectable to one another and/or to the separator plate. The hydraulic lines are arranged in an interior region of the attachment. The separator plate is made from a metal material, a metal alloy material, a fiber composite material, a plastic material or another material having torsional stiffness.

Abstract (de)
Die vorliegende Erfindung betrifft eine Baumaschine, wie einen Bagger, Lader oder Kran, mit wenigstens einer hydraulischen Arbeitsausrüstung, wie einem Bagger-, Lader- oder Kranarm, wobei die Arbeitsausrüstung wenigstens ein Schwenklager (1) umfasst, mit wenigstens einer am Schwenklager (1) vorgesehenen Trennplatte (2), wenigstens einer ersten Hydraulikleitung (12) und wenigstens einer zweiten Hydraulikleitung (12'), wobei die wenigstens eine Trennplatte (2) mit dem wenigstens einen Schwenklager (1) und den Hydraulikleitungen (12, 12') verbunden oder verbindbar ist.

IPC 8 full level
E02F 3/38 (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP US)
B66C 23/64 (2013.01 - US); **E02F 3/3695** (2013.01 - US); **E02F 3/382** (2013.01 - US); **E02F 3/384** (2013.01 - EP US);
E02F 9/2275 (2013.01 - EP US)

Citation (search report)
• [X] WO 2012081748 A1 20120621 - VOLVO CONSTR EQUIP AB [SE], et al & EP 2653620 A1 20131023 - VOLVO CONSTR EQUIP AB [SE]
• [X] JP 2004036233 A 20040205 - HITACHI CONSTRUCTION MACHINERY
• [X] US 2009084454 A1 20090402 - SON YOUNG JIN [KR], et al
• [X] JP 2001329566 A 20011130 - HITACHI CONSTRUCTION MACHINERY
• [X] JP 2007063871 A 20070315 - HITACHI CONSTRUCTION MACHINERY

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 2772589 A1 20140903; **EP 2772589 B1 20230419**; CN 104018530 A 20140903; DE 102013003491 A1 20140828; ES 2949331 T3 20230927;
RU 2014106979 A 20150827; RU 2576750 C2 20160310; US 2014241841 A1 20140828

DOCDB simple family (application)
EP 13005396 A 20131115; CN 201410067373 A 20140226; DE 102013003491 A 20130228; ES 13005396 T 20131115;
RU 2014106979 A 20140225; US 201414191895 A 20140227