

Title (en)

CONNECTION PLATE FOR A HYDROSTATIC PISTON MACHINE

Title (de)

ANSCHLUSSPLATTE FÜR EINE HYDROSTATISCHE KOLBENMASCHINE

Title (fr)

PLAQUE DE RACCORDEMENT POUR UNE MACHINE HYDROSTATIQUE À PISTON

Publication

EP 2558713 A1 20130220 (DE)

Application

EP 11717171 A 20110312

Priority

- DE 102010015187 A 20100416
- DE 2011000255 W 20110312

Abstract (en)

[origin: WO2011127883A1] The invention relates to a connection plate for a hydrostatic piston machine, comprising two connection openings on opposite lateral surfaces of the connection plate. The connection openings are arranged at an offset from a main axis of the connection plate on a common side. Two slotted recesses are formed from an inner face of the connection plate. The slotted recesses are each connected in the area of the first end section of the slotted recesses to one of the connection openings in order to connect the piston machine to a hydraulic circuit. A valve cartridge is inserted in an installation bore of the connection plate. Said installation bore is formed opposite the plate axis in the connection plate with respect to the connection openings and extends approximately parallel to axes of the connection openings. The valve cartridge is hydraulically connected to one of the slots.

IPC 8 full level

F03C 1/06 (2006.01); **F04B 1/14** (2006.01); **F04B 1/20** (2006.01); **F04B 1/32** (2006.01); **F04B 39/12** (2006.01); **F04B 49/08** (2006.01); **F04B 53/00** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP US)

F03C 1/0628 (2013.01 - EP US); **F03C 1/0663** (2013.01 - EP US); **F04B 1/145** (2013.01 - EP US); **F04B 1/2064** (2013.01 - EP US); **F04B 1/324** (2013.01 - EP US); **F04B 39/121** (2013.01 - EP US); **F04B 39/125** (2013.01 - EP US); **F04B 49/08** (2013.01 - EP US); **F04B 53/007** (2013.01 - EP US); **F04B 53/10** (2013.01 - US); **F04B 53/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2011127883A1

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)

DE 102011013779 A1 20111020; CN 102906416 A 20130130; CN 102906416 B 20160518; EP 2558713 A1 20130220; US 2013195699 A1 20130801; US 9341180 B2 20160517; WO 2011127883 A1 20111020

DOCDB simple family (application)

DE 102011013779 A 20110312; CN 201180019288 A 20110312; DE 2011000255 W 20110312; EP 11717171 A 20110312; US 201113641558 A 20110312