

Title (en)

POSITION-CONTROLLED OR PRESSURE-CONTROLLED DEVICE FOR THE HYDRAULIC POSITIONING OF COMPONENTS

Title (de)

POSITIONSGEREDELTE ODER DRUCKGEREGELTE VORRICHTUNG ZUM HYDRAULISCHEN ANSTELLEN VON BAUTEILEN

Title (fr)

DISPOSITIF RÉGULÉ EN POSITION OU EN PRESSION POUR LE RÉGLAGE HYDRAULIQUE D'ÉLÉMENTS

Publication

**EP 2142807 A1 20100113 (DE)**

Application

**EP 08715469 A 20080205**

Priority

- DE 2008000236 W 20080205
- DE 102007016045 A 20070330

Abstract (en)

[origin: CA2682295A1] The invention relates to a device for the hydraulic positioning of components, particularly the rollers of strand guiding segments of a continuous casting installation, said device having hydraulic cylinders, which are each subdivided into a cylinder chamber (5) and an annular cylinder chamber (4) by a piston (12) comprising a piston rod (13), wherein the cylinder chambers can be connected to a pressure source by control elements. The goal is a reduction of hydraulic connection lines, or reduction of components used. In order to achieve this, either the annular cylinder chamber (4) can be subjected to an adjustable, but then constant pressure, while the pressure applied to the piston in the cylinder chamber (5) is position-controlled or pressure-controlled, or the cylinder chamber (5) can be subjected to an adjustable, but then constant pressure, while the pressure applied to the piston in the annular cylinder chamber (4) is position-controlled or pressure-controlled.

IPC 8 full level

**F15B 11/08** (2006.01)

CPC (source: EP KR US)

**B22D 11/128** (2013.01 - EP US); **F15B 11/028** (2013.01 - EP US); **F15B 11/08** (2013.01 - EP KR US); **F15B 11/10** (2013.01 - KR); **F15B 2211/6313** (2013.01 - EP US); **F15B 2211/6336** (2013.01 - EP US); **F15B 2211/6656** (2013.01 - EP US); **F15B 2211/7053** (2013.01 - EP US); **F15B 2211/76** (2013.01 - EP US); **F15B 2211/7656** (2013.01 - EP US)

Citation (search report)

See references of WO 2008119312A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102007016045 A1 20081002**; CA 2682295 A1 20081009; CA 2682295 C 20120522; CN 101652574 A 20100217; EP 2142807 A1 20100113; JP 2010522640 A 20100708; JP 5241817 B2 20130717; KR 101264818 B1 20130515; KR 20090111871 A 20091027; RU 2009140075 A 20110510; RU 2432504 C2 20111027; TW 200900589 A 20090101; TW I346745 B 20110811; UA 97978 C2 20120410; US 2010132908 A1 20100603; US 8387680 B2 20130305; WO 2008119312 A1 20081009; ZA 200906354 B 20100630

DOCDB simple family (application)

**DE 102007016045 A 20070330**; CA 2682295 A 20080205; CN 200880009540 A 20080205; DE 2008000236 W 20080205; EP 08715469 A 20080205; JP 2010500060 A 20080205; KR 20097019261 A 20080205; RU 2009140075 A 20080205; TW 97105905 A 20080220; UA A200910938 A 20080205; US 59382308 A 20080205; ZA 200906354 A 20090911