

Title (en)

A hydraulic force transmission system, fiber web machine and method of operating a hydraulic force transmission system

Title (de)

Hydraulisches Kraftübertragungssystem, Faservliesmaschine und Verfahren zum Betrieb eines hydraulischen Kraftübertragungssystems

Title (fr)

Système de transmission de force hydraulique, machine à bande fibreuse et procédé de fonctionnement d'un système de transmission de force hydraulique

Publication

EP 2818731 A1 20141231 (EN)

Application

EP 13174187 A 20130628

Priority

EP 13174187 A 20130628

Abstract (en)

The present invention relates to a hydraulic force transmission system (100) the elements of which comprising at least one hydraulically operated fluid power device (102) and hydraulic working fluid circuit for supplying pressurized working fluid for the power device, and a control valve device for controlling the flow of the pressurized working fluid into and/or from the power device in the circuit. In the system the dynamical properties of at least one of the elements is arranged controllable such that the dynamic rigidity of the power device may be altered.

IPC 8 full level

F15B 1/02 (2006.01)

CPC (source: EP)

F15B 1/021 (2013.01); **F15B 3/00** (2013.01); **F15B 21/008** (2013.01); **B65H 18/20** (2013.01); **B65H 2404/43** (2013.01); **B65H 2555/12** (2013.01)

Citation (applicant)

- DE 102006043628 A1 20080327 - VOITH PATENT GMBH [DE]
- WO 2010106226 A2 20100923 - METSO PAPER INC [FI], et al

Citation (search report)

- [X] US 2010050858 A1 20100304 - HEINIGER RICHARD W [US], et al
- [XD] WO 2010106226 A2 20100923 - METSO PAPER INC [FI], et al
- [X] DE 1149615 B 19630530 - BOSCH GMBH ROBERT

Cited by

AT516738A4; AT516738B1

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 2818731 A1 20141231; EP 2818731 B1 20170809; CN 104251244 A 20141231; CN 104251244 B 20160914

DOCDB simple family (application)

EP 13174187 A 20130628; CN 201410283048 A 20140623