

Title (en)

Direct drive and control for eccentric press

Title (de)

Direktantrieb und Steuerung für eine Exzenterpresse

Title (fr)

Entraînement direct et régulation pour presse à excentrique

Publication

EP 1640145 B1 20070620 (DE)

Application

EP 04022983 A 20040927

Priority

EP 04022983 A 20040927

Abstract (en)

[origin: EP1640145A1] The device has a direct drive (10) with a servo motor or torque motor, and a flywheel (16) connected with the drive. The drive is designed with a variable moment of inertia, while the drive is engaged and disengaged with the flywheel. The flywheel is connected with the drive by a hydraulically or pneumatically or electrically switchable clutch (14). The clutch works together with the motor and an eccentric shaft. An independent claim is also included for a method for controlling a variable revolution speed drive having eccentric shaft as drive shaft.

IPC 8 full level

B30B 1/26 (2006.01); **B30B 15/14** (2006.01)

CPC (source: EP)

B30B 1/266 (2013.01); **B30B 15/142** (2013.01)

Cited by

EP2186631A1; US2014083313A1; CN111859661A; EP1930149A1; EP2006080A1; DE102015222995A1; DE102012109150A1; US7805973B2; WO2008119686A1; WO2010054626A1; WO2012055558A1; WO2007091118A1; WO2010004062A2; US8302452B2; US10499639B2; US9350212B2; WO2007091935A1; WO2008155190A1; EP2152505B1

Designated contracting state (EPC)

CH DE ES IT LI

DOCDB simple family (publication)

EP 1640145 A1 20060329; EP 1640145 B1 20070620; DE 502004004148 D1 20070802; ES 2289409 T3 20080201

DOCDB simple family (application)

EP 04022983 A 20040927; DE 502004004148 T 20040927; ES 04022983 T 20040927