Title (en)
Control of a printing press via a torsion model

Title (de)
Steuerung einer Druckmaschine mittels Torsionsmodell

Title (fr)
Commande d'une presse à l'aide d'un modèle de torsion

Publication
EP 1820650 A3 20120222 (DE)

Application
EP 07101216 A 20070126

Priority
DE 102006007181 A 20060216

Abstract (en)
[origin: EP1820650A2] A method involves storing a torsion model in the machine computer to describe a torsion state of the cylinders (9,10,13,14) in the printing press (1) as a power requirement of drive motor (16) or a printing speed of the printing press known to the machine computer. The printing press is controlled via the machine controller's (20) computer on a basis of values calculated by the torsion model. An independent claim is included for a printing press.

IPC 8 full level
B41F 33/00 (2006.01)

CPC (source: EP)
B41F 33/0009 (2013.01)

Citation (search report)
- [X] DE 102004031508 A1 20060202 - KOENIG & BAUER AG [DE]
- [A] DE 4434843 A1 19960418 - ROLAND MAN DRUCKMASCH [DE]
- [A] DE 4407631 C1 19951019 - ROLAND MAN DRUCKMASCH [DE]
- [AD] DE 3148449 C1 19830601 - HEIDELBERGER DRUCKMASCH AG

Cited by
DE102017220039B3; EP3970974A1; RU2605168C2; RU2605168C9; WO2014026774A1; US9387665B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1820650 A2 20070822; **EP 1820650 A3 20120222**; **EP 1820650 B1 20130313**; CN 101024329 A 20070829; DE 102006007181 A1 20070823

DOCDB simple family (application)
EP 07101216 A 20070126; CN 200710084903 A 20070216; DE 102006007181 A 20060216