Title (en)
  Method for regulating the register in a printer

Title (de)
  Verfahren zur Regelung des Registers in einer Druckmaschine

Title (fr)
  Procédé de réglage du registre dans une presse

Publication
  EP 2191970 A2 20100602 (DE)

Application
  EP 09014763 A 20091126

Priority
  DE 102008059584 A 20081128

Abstract (en)
  The method involves generating reference data for each trigger, measurement unit (2,6) and register regulating unit (3,7) and transferring the data on the bus system (12) which refers to all common time reference that is formed by the bus system. A time interval limited by two time references is further divided by issuing a time signal located between the reference data. A signal is selected from the signal sequence formed by a trigger unit (4,8), for activating a measurement process performed by a measuring head (1,5). An independent claim is included for a register regulating device.

Abstract (de)
  Die Erfindung betrifft ein Verfahren und eine Vorrichtung zur Regelung des Registers an einer Rotationsdruckmaschine (18) mit einem Registerregler (17), dessen Bauteile (1, 5; 2, 6; 3, 7; 4, 8; 9, 10) in einem Echtzeit-Bussystem (12) miteinander verbunden und diesem zeitlich synchronisiert sind.

IPC 8 full level
  B41F 33/00 (2006.01)

CPC (source: EP US)
  B41F 33/0036 (2013.01 - EP US)

Citation (applicant)
  • DE 102005054975 A1 20070524 - SIEMENS AG [DE]
  • EP 1619026 A2 20060125 - KOENIG & BAUER AG [DE]
  • DE 102006009434 A1 20070906 - SIEMENS AG [DE]
  • WO 2004028805 A1 20040408 - KOENIG & BAUER AG [DE], et al

Cited by
  DE102013208964A1; US8539883B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
  AL BA RS

DOCDB simple family (publication)
  EP 2191970 A2 20100602; **EP 2191970 A3 20110914**; **EP 2191970 B1 20130227**; DE 102008059584 A1 20100602;
  DE 102008059584 B4 20211118; ES 2404032 T3 20130523; US 2010139512 A1 20100610; US 8539883 B2 20130924

DOCDB simple family (application)
  EP 09014763 A 20091126; DE 102008059584 A 20081128; ES 09014763 T 20091126; US 62619309 A 20091125