

Title (en)
Collection cylinder of the folding apparatus of a printing press

Title (de)
Sammelzylinder eines Falzapparats einer Druckmaschine

Title (fr)
Cylindre de collecte d'un appareil de pliage d'une presse

Publication
EP 1918236 A3 20081224 (DE)

Application
EP 07021255 A 20071030

Priority
DE 102006051569 A 20061102

Abstract (en)
[origin: EP1918236A2] The collecting cylinder has a cylindrical body (1) supported together with a control cam (4) at a frame (3) by a bearing support (2), where a rotational speed difference between a cover cam (6) and the collecting cylinder is designated by a transmission gear in a collecting operation. An exclusive relative rotation between the cover cam and the collecting cylinder is realized about a defined angle for changing the collecting cylinder between a non-collecting operation and the collecting operation in such a manner that a unique coupling (13) is rotatable about that defined angle.

IPC 8 full level
B65H 45/16 (2006.01)

CPC (source: EP US)
B65H 45/168 (2013.01 - EP US)

Citation (search report)

- [X] EP 1475336 A1 20041110 - TOKYO KIKAI SEISAKUSHO LTD [JP]
- [A] EP 1069063 A2 20010117 - TOKYO KIKAI SEISAKUSHO LTD [JP]
- [A] DE 3810439 C1 19890810

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1918236 A2 20080507; EP 1918236 A3 20081224; EP 1918236 B1 20110413; AT E505422 T1 20110415; CA 2609845 A1 20080502; CA 2609845 C 20110503; CN 101200129 A 20080618; CN 101200129 B 20110525; DE 102006051569 A1 20080508; DE 502007006932 D1 20110526; JP 2008114599 A 20080522; US 2008288112 A1 20081120; US 7883080 B2 20110208

DOCDB simple family (application)
EP 07021255 A 20071030; AT 07021255 T 20071030; CA 2609845 A 20071102; CN 200710305800 A 20071102; DE 102006051569 A 20061102; DE 502007006932 T 20071030; JP 2007286555 A 20071102; US 93448307 A 20071102