

Title (en)
Printing machine, in particular flexographic printing machine.

Title (de)
Druckmaschine, vorzugsweise Flexodruckmaschine.

Title (fr)
Machine d'impression, en particulier machine pour flexographie.

Publication
EP 0459098 B1 19950607 (DE)

Application
EP 91103979 A 19910314

Priority
DE 4017285 A 19900529

Abstract (en)
[origin: EP0459098A1] The invention relates to a printing machine with an impression cylinder (1) and a number of printing units, the format cylinders (2-7) of which can be thrown onto and thrown off from the cylinder, and with a central wheel (13) which is driven coaxially with the impression cylinder (1) and with which all format cylinder toothed wheels (2', 7') mate. To achieve the aim of providing a printing machine of this type, with which it is also possible to print with format cylinders, the format length or diameters of which do not fit exactly into the tooth pitch pattern, the central wheel (13) is mounted freely rotatably on a shaft pin (12) of the impression cylinder (1) or on a pin flush therewith and the impression cylinder (1) is provided with a controllable drive (18) which drives the latter with a peripheral speed which corresponds essentially to the measured peripheral speed of the format cylinders. <IMAGE>

IPC 1-7
B41F 13/00

IPC 8 full level
B41F 5/24 (2006.01); **B41F 13/00** (2006.01); **B41F 13/012** (2006.01); **B41F 33/08** (2006.01)

CPC (source: EP US)
B41F 5/24 (2013.01 - EP US); **B41F 13/012** (2013.01 - EP US); **Y10S 101/36** (2013.01 - EP US)

Cited by
DE102004003339A1; US5706725A; DE102004003338A1; DE102004003338B4; US7392740B2; US7540239B2; US7383771B2; EP0783408B1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0459098 A1 19911204; **EP 0459098 B1 19950607**; CA 2041334 A1 19911130; DE 4017285 A1 19911205; DE 59105644 D1 19950713; ES 2072469 T3 19950716; JP H04232054 A 19920820; US 5239924 A 19930831

DOCDB simple family (application)
EP 91103979 A 19910314; CA 2041334 A 19910426; DE 4017285 A 19900529; DE 59105644 T 19910314; ES 91103979 T 19910314; JP 12082291 A 19910527; US 70701091 A 19910529