

Title (en)
ROTARY PRINTING PRESS WITHOUT SHAFTING

Title (de)
WELLENLOSE ROTATIONSDRUCKMASCHINE

Title (fr)
PRESSE ROTATIVE SANS ARBRE

Publication
EP 0852538 B1 19990519 (DE)

Application
EP 96932540 A 19960916

Priority

- EP 96932540 A 19960916
- EP 9604059 W 19960916
- EP 95115330 A 19950928

Abstract (en)
[origin: WO9711848A1] The invention concerns a rotary printing press without shafting, the press comprising a number of individually driven printing positions (DS1, ..., DSn) and at least one separately driven folding machine (16, 18). The invention calls for the drives, which work in rotation with one folding machine (16 or 18), to be connected by a control/parameter bus (42) to a drive-control unit (52) and connected by a parallel synchronization bus (44) to a device (50) which generates a reference value and a synchronization signal, and each of the drives is connected by a bus interface (46, 48) to the synchronization bus (44), the synchronization bus being designed as a ring bus (54 or 56). This gives a shaftless press which is sufficiently flexible for its printing positions (14) to be synchronized simply, from one production run to another, with any of the folding machines (16, 18).

IPC 1-7
B41F 13/004

IPC 8 full level
B41F 13/00 (2006.01); **B41F 13/004** (2006.01); **B41F 13/56** (2006.01); **B41F 33/00** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)
B41F 13/0045 (2013.01 - EP US)

Cited by
DE10121323B4; US7209797B2

Designated contracting state (EPC)
DE FI FR GB IT

DOCDB simple family (publication)
WO 9711848 A1 19970403; DE 59601958 D1 19990624; EP 0852538 A1 19980715; EP 0852538 B1 19990519; JP 4059921 B2 20080312; JP H11511407 A 19991005; US 5947023 A 19990907

DOCDB simple family (application)
EP 9604059 W 19960916; DE 59601958 T 19960916; EP 96932540 A 19960916; JP 51311597 A 19960916; US 4369398 A 19980604