

Title (en)  
SHEET PROCESSING PRINTING MACHINE FOR MULTI COLOUR PRINTING

Publication  
**EP 0425913 A3 19910626 (DE)**

Application  
**EP 90120024 A 19901019**

Priority  
DE 3936345 A 19891102

Abstract (en)  
[origin: US5125334A] In order to improve mechanical positive synchronization in a sheet-fed printing machine between gripper carriages guided in wave-like fashion through printing units on endless chains and the associated impression cylinder, the impression cylinders (1) have twice the diameter of the plate and blanket cylinders (2, 3). Sprocket wheels (34), also of twice the diameter of the blanket cylinders, are fixed on the ends of the double-size impression cylinders (1) and on them there are disposed two diametrically opposite gripper carriage locating and fixing devices (24-32) which are adjustable both radially and tangentially and which can also be used to bring the different printing plates into register with one another on the printed sheet (38).

IPC 1-7  
**B41F 21/08**

IPC 8 full level  
**B41F 21/08** (2006.01)

CPC (source: EP US)  
**B41F 21/08** (2013.01 - EP US)

Citation (search report)  
[AD] US 2138405 A 19381129 - HUCK WILLIAM F

Cited by  
NL1006150C2; DE102009000220A1; DE102009000220B4; WO9853996A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**US 5125334 A 19920630**; AT E98562 T1 19940115; DE 3936345 C1 19910307; DE 59003878 D1 19940127; EP 0425913 A2 19910508; EP 0425913 A3 19910626; EP 0425913 B1 19931215; ES 2047801 T3 19940301; JP 2566677 B2 19961225; JP H03219956 A 19910927

DOCDB simple family (application)  
**US 60822290 A 19901102**; AT 90120024 T 19901019; DE 3936345 A 19891102; DE 59003878 T 19901019; EP 90120024 A 19901019; ES 90120024 T 19901019; JP 29559190 A 19901102