

Title (en)
Circumferential and lateral register adjustment device of the plate cylinder

Title (de)
Vorrichtung zum umfänglichen und seitlichen Verstellen des Plattenzylinders

Title (fr)
Dispositif pour régler la position circonférentielle et latérale du cylindre porte-plaque

Publication
EP 0741015 A3 19971001 (DE)

Application
EP 96104952 A 19960328

Priority
US 43593295 A 19950505

Abstract (en)
[origin: US5651314A] In a rotary printing press, an apparatus for adjusting the lateral and circumferential position of the plate cylinder is provided. The apparatus includes a sleeve having an inner surface with threads disposed thereon; a shaft disposed within the sleeve, and connected to the machine element such that when the shaft moves laterally the machine element is moved laterally, the shaft having an outer surface with threads disposed thereon which engage the threads disposed on the inner surface of the shaft; a gear assembly coupled to the sleeve, such that a rotational movement of the sleeve causes a circumferential movement of the machine element; a first drive for rotating the shaft, such that when the shaft is rotated, the shaft moves the machine element laterally; and a second drive for rotating the sleeve, such that when the sleeve is rotated, the sleeve moves the gear, and the gear rotates the machine element circumferentially.

IPC 1-7
B41F 13/14; **F16H 19/00**

IPC 8 full level
B41F 13/12 (2006.01); **B41F 13/14** (2006.01); **B41F 33/14** (2006.01)

CPC (source: EP US)
B41F 13/14 (2013.01 - EP US); **Y10T 74/1956** (2015.01 - EP US)

Citation (search report)

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DE FR GB IT

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US 5651314 A 19970729; CA 2175844 A1 19961106; CA 2175844 C 19990622; DE 59602767 D1 19990923; EP 0741015 A2 19961106; EP 0741015 A3 19971001; EP 0741015 B1 19990818; JP H08300606 A 19961119; US 5535675 A 19960716

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US 66899496 A 19960621; CA 2175844 A 19960506; DE 59602767 T 19960328; EP 96104952 A 19960328; JP 11176296 A 19960502; US 43593295 A 19950505