

Title (en)

Rotary printing machine provided with a register device for aligning the paper web

Title (de)

Rotations-Rollendruckmaschine mit einer Registervorrichtung zum Ausrichten der Papierbahn

Title (fr)

Machine rotative d'impression pourvue d'un dispositif de repérage pour aligner la bande de papier

Publication

EP 0683123 B1 19981028 (DE)

Application

EP 95810301 A 19950504

Priority

CH 157994 A 19940520

Abstract (en)

[origin: EP0683123A1] The press has two cylinders (2, 3) forming a compression gap (S) through which the paper web (B) passes. For straightening the web it has an alignment device with entry and exit rollers and web edge sensors (16, 17) to provide signals for control of an adjuster. The adjuster is a web guiding device (10) with entry roller (14) and sensor before, exit roller (15) and sensor after the pressure gap. The rollers can be displaced not only individually along their axes, in the plane of their axes, by adjustment members (18, 19) but also swivelled into an oblique position. A feed device (20) is installed upstream, in the web flow which, can be swivelled at its entry about an axis (24) fixed w.r.t. the machine frame where this axis is in a plane perpendicular to the guiding device entry roller (14) axis and intersects the feed entry roller (22) mid-point. Guiding and feed device are connected. <IMAGE>

IPC 1-7

B65H 23/038

IPC 8 full level

B41F 13/02 (2006.01); **B41F 13/12** (2006.01); **B65H 23/02** (2006.01); **B65H 23/038** (2006.01)

CPC (source: EP US)

B41F 13/025 (2013.01 - EP US); **B65H 23/0212** (2013.01 - EP US); **B65H 23/032** (2013.01 - EP US); **B65H 23/038** (2013.01 - EP US); **B65H 2403/55** (2013.01 - EP US); **B65H 2404/15212** (2013.01 - EP US); **B65H 2553/10** (2013.01 - EP US)

Cited by

EP0860274A1; EP1080887A1; DE102013218890A1; DE102013218890B4; WO2009083149A3; EP1842665A1; EP2065187A1; EP2119527A1; EP2743025A2; US9796202B2

Designated contracting state (EPC)

DE DK FR

DOCDB simple family (publication)

EP 0683123 A1 19951122; EP 0683123 B1 19981028; CA 2148986 A1 19951121; CA 2148986 C 20060502; CH 688137 A5 19970530; CN 1081538 C 20020327; CN 1118306 A 19960313; DE 59504031 D1 19981203; DK 0683123 T3 19990719; RU 2129489 C1 19990427; RU 95107886 A 19961227; US 5540146 A 19960730

DOCDB simple family (application)

EP 95810301 A 19950504; CA 2148986 A 19950509; CH 157994 A 19940520; CN 95106204 A 19950519; DE 59504031 T 19950504; DK 95810301 T 19950504; RU 95107886 A 19950518; US 43427595 A 19950503