

Title (en)

Device for conveying sheets through a printing machine

Title (de)

Vorrichtung zum Fördern eines Bogens durch eine drucktechnische Maschine

Title (fr)

Dispositif pour amener des feuilles par une imprimeuse

Publication

**EP 1541510 B1 20140305 (DE)**

Application

**EP 04105822 A 20041117**

Priority

DE 10358171 A 20031212

Abstract (en)

[origin: EP1541510A1] The device for the feed of a sheet to a printing press includes a chain conveyor with rear edge grippers fastened on an endless chain for transfer of the sheet from a cylinder. The rear edge grippers in the open state run past the cylinder (4), whereby the supports and points of the rear edge grippers lie beneath a track which describes that of the sheet held against the generated surface (26,27) of the cylinder. The rear edge grippers are closed in a rotational angle region in which the chains run off from the chain wheels (11) allocated to the cylinder.

IPC 8 full level

**B65H 5/08** (2006.01); **B65H 29/04** (2006.01); **B41F 21/10** (2006.01)

CPC (source: EP US)

**B41F 21/102** (2013.01 - EP US); **B65H 29/041** (2013.01 - EP US); **B65H 29/045** (2013.01 - EP US); **B65H 2404/342** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

Cited by

DE102014001968A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1541510 A1 20050615**; **EP 1541510 B1 20140305**; CN 100572059 C 20091223; CN 1626343 A 20050615; DE 10358171 A1 20050707; JP 2005170683 A 20050630; JP 4970721 B2 20120711; US 2005126411 A1 20050616; US 7234395 B2 20070626

DOCDB simple family (application)

**EP 04105822 A 20041117**; CN 200410102126 A 20041213; DE 10358171 A 20031212; JP 2004358473 A 20041210; US 1005304 A 20041210