

Title (en)

Device for gathering and subsequently stitching folded sheetlike printed matter

Title (de)

Einrichtung zum Sammeln und anschliessenden Heften gefalteter, bogenförmiger Druckprodukte

Title (fr)

Dispositif pour assembler et ensuite brocher des imprimés pliés en forme de feuilles

Publication

EP 0566531 B1 19971105 (DE)

Application

EP 93810238 A 19930405

Priority

CH 123992 A 19920414

Abstract (en)

[origin: EP0566531A1] For the collection and subsequent stitching of folded sheet-like printed products, which are regularly fed to a conveying track (2), the collected printed products are fed to the stitching operation by means of a drivable bending apparatus (3). In a charging area (6) the printed products are placed astride supports (5) which are spaced in the conveying direction and are fixed to a rotating tensioning means (4). The deflector wheel for the tensioning means (4), rotating about the axis (9), is designed as a stitching wheel (10). The stitching wheel (10) bears actuatable benders (11) distributed over its circumference. Supports (5) and benders (11) each combine to form a stitching station (12). Opposite to the circumference of the stitching wheel (10) is a stitching apparatus (7) which can be connected for drive purposes to the stitching wheel (10). <IMAGE>

IPC 1-7

B42C 1/12; **B27F 7/17**; **B42B 4/00**

IPC 8 full level

B42B 4/02 (2006.01); **B27F 7/17** (2006.01); **B42B 4/00** (2006.01); **B42C 1/12** (2006.01); **B65H 37/04** (2006.01)

CPC (source: EP US)

B42B 4/00 (2013.01 - EP US); **B42C 1/12** (2013.01 - EP US); **B65H 2405/352** (2013.01 - EP US)

Cited by

EP2202085A3; DE19752015A1; EP0675005A1; US5667211A; US7581724B2; US8079583B2; WO2007053964A1; US7900902B2; US8246031B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0566531 A1 19931020; **EP 0566531 B1 19971105**; DE 59307619 D1 19971211; JP 3415645 B2 20030609; JP H068664 A 19940118; US 5417410 A 19950523

DOCDB simple family (application)

EP 93810238 A 19930405; DE 59307619 T 19930405; JP 4549593 A 19930305; US 4845993 A 19930414