

Title (en)

Folding device of a printing machine for handling webs with a transport belt monitoring device

Title (de)

Falzapparat einer bahnverarbeitenden Druckmaschine mit Transportbandüberwachungsvorrichtung

Title (fr)

Plieuse dans une machine à imprimer traitant des bandes avec un dispositif de surveillance d'une bande transporteuse

Publication

EP 1338539 A3 20040609 (DE)

Application

EP 03002608 A 20030210

Priority

DE 10207869 A 20020223

Abstract (en)

[origin: EP1338539A2] The folding arrangement (30) has at least one signature transport belt (10) passing through the folding arrangement over at least part of its path. The folding arrangement has at least one monitoring device (12) associated with the transport belt with a detector of radiation scattered by at least one part of the belt during at least part of a time period. Independent claims are also included for the following: a sheet-processing printing machine and a method of monitoring a transport belt in a folding arrangement.

IPC 1-7

B65H 45/00; **B65H 43/00**; **B65H 26/00**

IPC 8 full level

B65H 20/06 (2006.01); **B65H 26/00** (2006.01); **B65H 43/00** (2006.01); **B65H 45/12** (2006.01)

CPC (source: EP US)

B65H 20/06 (2013.01 - EP US); **B65H 26/00** (2013.01 - EP US); **B65H 43/00** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US)

Citation (search report)

- [AD] EP 1069062 A2 20010117 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] US 4587414 A 19860506 - BOHLANDER PETER [DE]

Cited by

EP3871885A1; US11535024B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1338539 A2 20030827; **EP 1338539 A3 20040609**; **EP 1338539 B1 20060531**; DE 10207869 A1 20030904; DE 50303529 D1 20060706; JP 2003267624 A 20030925; US 2003160156 A1 20030828; US 2006033018 A1 20060216; US 6979815 B2 20051227

DOCDB simple family (application)

EP 03002608 A 20030210; DE 10207869 A 20020223; DE 50303529 T 20030210; JP 2003042484 A 20030220; US 25720505 A 20051024; US 36624503 A 20030213