

Title (en)

Sensor for detecting cocked sheets

Title (de)

Sensor zum Erfassen von Schrägbogen

Title (fr)

Capteur pour détecter des feuilles obliques

Publication

EP 0861722 B1 20011219 (DE)

Application

EP 98101425 A 19980128

Priority

DE 19707658 A 19970226

Abstract (en)

[origin: EP0861722A2] The sheet-sensor (12,13) consists of a transmitter (12) and receiver (13) in the area of the sheet-turner. The transmitter is on one side (AS) of the printer, and the receiver on the other side (BS), outside the sheet-track. The transmitter is above the plane along which the sheets run, and the receiver below it. The light beam emitted by the transmitter to the receiver runs at a slant in relation to the sheets' plane. The sheet-sensor is in the form of a reflection light barrier.

IPC 1-7

B41F 21/00; **B41F 33/02**; **B65H 7/14**; **B41F 21/10**

IPC 8 full level

B41F 21/00 (2006.01); **B41F 21/10** (2006.01); **B41F 33/02** (2006.01); **B41F 33/14** (2006.01); **B65H 7/14** (2006.01)

CPC (source: EP)

B41F 21/00 (2013.01); **B41F 33/02** (2013.01); **B65H 7/14** (2013.01); **B65H 2511/51** (2013.01); **B65H 2515/60** (2013.01); **B65H 2553/412** (2013.01)

Cited by

DE102005049927A1; DE10225732B4; CN103057278A; US6823786B1; US6851672B1; US6912952B1; WO0134397A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0861722 A2 19980902; **EP 0861722 A3 19990506**; **EP 0861722 B1 20011219**; DE 19707658 A1 19980903; DE 59802485 D1 20020131; JP 4160647 B2 20081001; JP H10235842 A 19980908

DOCDB simple family (application)

EP 98101425 A 19980128; DE 19707658 A 19970226; DE 59802485 T 19980128; JP 4198898 A 19980224