

Title (en)

Measuring device for measuring the contact pressure of grippers in sheet-fed machines.

Title (de)

Messeinrichtung zum Messen eines Greiferauflagedruckes in Bogenrotationsdruckmaschinen.

Title (fr)

Dispositif de mesure pour mesurer la pression d'appui des pinces dans les machines d'impression à feuilles.

Publication

**EP 0179437 A2 19860430 (DE)**

Application

**EP 85113367 A 19851022**

Priority

DE 3438929 A 19841024

Abstract (en)

1. Sensor (9) for measuring a gripper support pressure in sheet-fed rotary printing machines, the sensor (9) being arranged between a gripper tip (1) and a gripper support (2) of a gripper, characterized in that the sensor (9) comprises only the following three layers, which lie one above the other and are in total approximately 0.5 mm thick : a) a lower resilient carrier layer (6) which changes its electrical resistance with pressure and comprises plastics material having embedded therein electrically conductive parts, b) a conductive layer (4) arranged thereon, c) an insulating layer (3) arranged thereon, in that one of the electrical measuring connections (7) is applied directly to the conductive layer (4) and in that a plurality of sensors (9) is provided for a series of grippers.

Abstract (de)

Die Erfindung betrifft einen Sensor (9), der zwischen Greiferspitze (1) und Greiferauflage (2) eingebracht wird und unter Druck seinen elektrischen Widerstand verändert.

IPC 1-7

**B41F 21/04**; **B41F 33/00**

IPC 8 full level

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CPC (source: EP)

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