

Title (en)

Automatic device for adjusting the height of a printing device comprising a sensor

Title (de)

Vorrichtung zur automatischen Anpassung der Höhe einer Druckeinrichtung mit einem Abtaster

Title (fr)

Dispositif d'adaptation automatique de la hauteur d'un dispositif d'impression comportant un capteur

Publication

EP 0993957 B1 20060809 (DE)

Application

EP 99120232 A 19991011

Priority

DE 19847062 A 19981013

Abstract (en)

[origin: EP0993957A2] A device for automatically adjusting the height of a printer arranged above a conveyor comprises a spring-supported print head mounting which is movable at least at right angles to the conveyance direction of the surface to be printed. The printer is provided with a print head holder with an attached scanner device. Preferred Features: The weight of the print head mounting is at least partly balanced by an adjustable tension spring arranged above the mounting. The printing device is preferably an ink jet, laser or digital printer which is linked to a control device. The control device is also linked to both the conveyor and a print-impression memory device.

IPC 8 full level

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CPC (source: EP US)

B41J 2/01 (2013.01 - EP US); **B41J 3/4073** (2013.01 - EP US); **B41J 25/304** (2013.01 - EP); **B41J 25/3086** (2013.01 - EP)

Cited by

CN103419509A; FR2859129A1; CN104354477A; CN103707650A; CN112428697A; CN110072702A; CN106541715A; US9815307B2; US10737487B2; WO2005018941A1; WO2018108391A1; US7976906B2; US8603589B2; WO2023147283A1

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