

Title (en)

Printing unit with deformable support

Title (de)

Druckereinheit mit verformbarer Halterung

Title (fr)

Unité d'impression à support déformable

Publication

EP 1854635 B1 20081217 (FR)

Application

EP 07290595 A 20070510

Priority

FR 0604204 A 20060511

Abstract (en)

[origin: EP1854635A1] The unit (3) has a plate (11) supporting an ink jet printing head (15) and with a bracket (25) mounting the plate to an ink jet printing machine (1). An adjusting unit adjusts orientation of the head with respect to the bracket and has actuators formed by micrometer screws (48, 75) and springs, where the plate is formed of monoblock and is elastically deformable along a direction under an action of the actuators. The micrometer screw (75) interposed between the plate and an adjusting rigid beam (61) of the bracket extends along a direction perpendicular to that of the screw (48).

IPC 8 full level

B41J 25/304 (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP)

B41J 2/1752 (2013.01); **B41J 2/2135** (2013.01); **B41J 25/304** (2013.01); **B41J 2202/14** (2013.01)

Cited by

CN102490471A; EP2094489A4; US10632773B2; US7794079B2; US10682873B2; US11358405B2

Designated contracting state (EPC)

DE ES GB PL

DOCDB simple family (publication)

EP 1854635 A1 20071114; **EP 1854635 B1 20081217**; DE 602007000370 D1 20090129; ES 2318836 T3 20090501; FR 2900867 A1 20071116; FR 2900867 B1 20100604; PL 1854635 T3 20090630

DOCDB simple family (application)

EP 07290595 A 20070510; DE 602007000370 T 20070510; ES 07290595 T 20070510; FR 0604204 A 20060511; PL 07290595 T 20070510