

Title (en)

Printing apparatus having vibration driven linear type actuator for carriage

Title (de)

Druckgerät mit einem vibrationsgetriebenen linearen Antrieb für eine Druckwagenanordnung

Title (fr)

Appareil d'impression comprenant un organe d'actionnement de type linéaire entraîné par des vibrations pour chariot

Publication

EP 0577376 B1 19971210 (EN)

Application

EP 93305050 A 19930628

Priority

JP 17112492 A 19920629

Abstract (en)

[origin: EP0577376A2] A printing apparatus includes a vibrating wave drive which cooperates with a vibratory rail in which support bases are provided to only the two end portions of a vibrating rail, and the rail is fixed on a third bottom plate via the bases, so that a portion, excluding the two end portions, of the vibrating rail extends over a moving path of a sheet. Support bases are also provided to only the two end portions of a carriage guide rail, and the rail is fixed on the third bottom plate via the bases, so that a portion, excluding the two end portions, of the carriage guide rail extends over the moving path of a sheet. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 0577376 A2 19940105; **EP 0577376 A3 19940803**; **EP 0577376 B1 19971210**; DE 69315628 D1 19980122; DE 69315628 T2 19980409; JP H0614567 A 19940121

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