

Title (en)
SHEET FEEDING DEVICE

Title (de)
EINRICHTUNG ZUM ZUFÜHREN VON BOGEN

Title (fr)
DISPOSITIF D'ALIMENTATION EN FEUILLES

Publication
EP 0939738 A1 19990908 (DE)

Application
EP 97948692 A 19971028

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Abstract (en)
[origin: DE19644944A1] The invention relates to a device for feeding sheets from a sheet pile to a sheet conveyor drum of a printing machine. The invention seeks to create a device to feed sheets with high feeding performance and low dynamic load. According to the invention, this is performed in that a conveyor element is placed above the sheet pile, configured as a suction box and connected to a lever mechanism, grabs the respective top sheet on the sheet pile, separates the sheet from the sheet pile and conveys the sheet across a feed table to lay marks; and in that, underneath the plane of the feed table, a pre-gripper, configured as an oscillating suction element, grabs the sheet to be conveyed, accelerates its conveyance and delivers the sheet to the sheet conveyor drum.

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