

Title (en)
Sheet stacking device

Title (de)
Vorrichtung zum Stapeln von Bögen

Title (fr)
Dispositif d'empilage de feuilles

Publication
EP 1762523 B1 20121114 (EN)

Application
EP 06119759 A 20060830

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Abstract (en)
[origin: EP1762523A2] The invention relates to a stacking device for incoming sheets, comprising a receiving plane (21), a rotatably arranged element (22), comprising a slot (26) at its circumferential edge for accepting at least a portion of a sheet to be stacked, where, in a first rotation zone (I), the rotatably arranged element may accept the sheet to be stacked and, in a second rotation zone (II), the accepted sheet is conveyed onto the receiving plane, drive mechanisms for driving the rotatably arranged element, a stop (30), a closed-loop shaped friction element (28) mounted at the circumferential edge of the rotatably arranged element, which, in operation, transfers a force onto the upper side of the sheet emerging from the slot during at least part of one revolution of the rotatably arranged element, this force having a component directed towards the stop, characterised in that the closed-loop shaped friction element has been positioned such that, in operation, it does not obstruct the movement of a sheet whilst the latter is accepted into the slot in the first rotation zone.

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Cited by
WO2011064220A1; WO2013068331A1; US9457980B2; EP3636567A1; US8403323B2; EP3575093A1

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