

Title (en)

Device for removing flat objects from a pile of such objects, especially for envelopes.

Title (de)

Vorrichtung zum Herausnehmen flacher Gegenstände aus einem Stapel solcher Gegenstände, insbesondere für Briefumschläge.

Title (fr)

Dispositif d'extraction un à un d'objets plats à partir d'une pile de tels objets, notamment des enveloppes de lettres.

Publication

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Application

EP 92400876 A 19920330

Priority

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Abstract (en)

Device for removing, one by one, flat objects from a pile of such objects, especially constituted by mail envelopes (2), including a belt (6) and a lateral jogging edge (7), an entrainment member (9) consisting of at least one band, driven in continuous rotation by rollers (12-14), the band having a perforated surface for allowing a stream of air sucked through the band, so as to press against the latter the first object of the pile, thereby moving it parallel to itself. According to the invention, this device is characterised in that the entrainment member (9) consists of two adjacent parallel bands (10 and 11) which are synchronously entrained over the rollers and separated by an intermediate free space (15), in that a drive member (16) is mounted between the rollers (12-14), is brought into communication with a suction fan (23) and includes a selector (17) which itself surrounds a rotary distributor (18), this selector (17) being provided so as to move, as desired, the location at which, by virtue of the fan, a flow of suction air is produced through the entrainment member, especially in line with predetermined zones of the bands and in the free space. <IMAGE>

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IPC 8 full level

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B65H 3/124 (2013.01); **B65H 2301/321** (2013.01); **B65H 2406/322** (2013.01); **B65H 2701/1916** (2013.01)

Citation (search report)

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