

Title (en)
SHEET SEPARATING DEVICE

Publication
EP 0060774 B1 19850703 (FR)

Application
EP 82400428 A 19820310

Priority
FR 8104926 A 19810312

Abstract (en)
[origin: EP0060774A1] 1. An apparatus for separating sheets of paper from a pile (12) and comprising : - a support for said pile, - a structure (10) movable about an axis (11) parallel to the plane of the sheets above said support, - hollow drums (14A, 14B) supported by said structure (10) and mounted so as to rotate about their respective axes parallel to the axis (11) of said structure (10) in a direction opposite to that of the structure, each drum having at least one opening (21) at its periphery, - means (30 to 35) for temporarily creating a depression inside said drums (14A, 14B) so that, when one of the drums engages the topmost sheet of the pile (12), the edge of this sheet is detached from the pile and partially winds on the periphery of this drum under the action of the depression existing in this drum, while another drum maintains in position the sheet just underneath in the pile - means (22 to 26) for removing the sheet thus partially wound in a direction opposite to its detached edge characterized in that said structure (10) is driven around said axis (11) with an oscillating movement by driver means (18 to 20), and in that said drums are two in number (14A, 14B) and undergo a depression only during a half-period of the oscillating movement of said structure.

IPC 1-7
B65H 3/10

IPC 8 full level
B65H 3/10 (2006.01)

CPC (source: EP)
B65H 3/10 (2013.01); **B65H 2301/42324** (2013.01); **B65H 2701/1912** (2013.01)

Cited by
CN1053423C; EP0139790A1; EP1894867A3; US5775062A; GB2302326B; US7828280B2

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