

Title (en)
Finishing machine for printed sheets

Title (de)
Endbearbeitungsmaschine für gedruckte Blätter

Title (fr)
Machine de finition pour des feuilles imprimées

Publication
EP 0677472 B1 19960918 (FR)

Application
EP 94116817 A 19941025

Priority
FR 9404544 A 19940415

Abstract (en)
[origin: EP0677472A1] Printed sheets emerging from a printer or copier are received by pairs of wheels (30, 32) which are rotating at the paper speed. A detector (34) senses the leading and trailing edges of each sheet of paper and slows down speed control wheels (36, 38) such that the paper drops into a pile (16). An electromagnet vibrates the sides of the pile container (48) to produce good alignment and the paper then passes to jaws (64, 66) which rotate to a vertical position. From this position horizontal jaws (68, 70) take over and convey the paper to a gluing roller and covering station. <IMAGE>

IPC 1-7
B65H 29/68; **B42C 9/00**

IPC 8 full level
B42C 19/02 (2006.01); **B42C 9/00** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)
B42C 9/0031 (2013.01 - EP US); **B42C 9/0056** (2013.01 - EP US); **B65H 29/68** (2013.01 - EP US)

Cited by
EP1343635A4; AU2001216811B2; AU2004203189B2; WO0240281A1; US7332051B2; US7726372B2; US8146431B2; US6530339B1; US6712924B2; US6863105B2; US6978990B2; US7285170B2; US7950343B2

Designated contracting state (EPC)
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DE 29505407 U1 19950524; AT E142981 T1 19961015; BR 9501568 A 19951114; CA 2142550 A1 19951016; CA 2142550 C 19981020; DE 69400574 D1 19961024; DE 69400574 T2 19970130; DK 0677472 T3 19961111; EP 0677472 A1 19951018; EP 0677472 B1 19960918; ES 2094614 T3 19970116; FR 2718681 A1 19951020; FR 2718681 B1 19960531; JP H07276849 A 19951024; US 5632587 A 19970527; US 5918878 A 19990706

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DE 29505407 U 19950330; AT 94116817 T 19941025; BR 9501568 A 19950413; CA 2142550 A 19950215; DE 69400574 T 19941025; DK 94116817 T 19941025; EP 94116817 A 19941025; ES 94116817 T 19941025; FR 9404544 A 19940415; JP 32917694 A 19941122; US 35164494 A 19941207; US 78856397 A 19970124