

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

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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