

Title (en)  
Collar with crossing conveyors.

Title (de)  
Kreuzkettenkollator.

Title (fr)  
Collecteur des convoyeurs croisées.

Publication  
**EP 0479067 B1 19950118 (DE)**

Application  
**EP 91116030 A 19910920**

Priority  
DE 4031587 A 19901005

Abstract (en)  
[origin: EP0479067A1] A collator for collecting and depositing signatures (4) has a first elongate receiving device (7) with receptacles (12) for the signatures (4) which it transfers to a second receiving device (14) running transversely to said first receiving device, said signatures being collected at the same time to form book blocks (18). From the second receiving device (14) they are transferred as book blocks (18) to a conveying device (19) with stops (21) for each book block (18). The collator according to the invention is distinguished in particular by a tangible increase in output compared to known collators. <IMAGE>

IPC 1-7  
**B65H 39/105**

IPC 8 full level  
**B42C 19/04** (2006.01); **B65H 29/38** (2006.01); **B65H 33/16** (2006.01); **B65H 39/065** (2006.01); **B65H 39/10** (2006.01); **B65H 39/105** (2006.01)

CPC (source: EP)  
**B65H 29/38** (2013.01); **B65H 33/16** (2013.01); **B65H 39/10** (2013.01); **B65H 2404/231** (2013.01); **B65H 2404/232** (2013.01)

Cited by  
US6705982B1; US8127917B2; WO2006100604A1

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**DE 4031587 C1 19911121**; DE 59104312 D1 19950302; EP 0479067 A1 19920408; EP 0479067 B1 19950118; JP H04260569 A 19920916

DOCDB simple family (application)  
**DE 4031587 A 19901005**; DE 59104312 T 19910920; EP 91116030 A 19910920; JP 24863791 A 19910927