

Title (en)  
A SEPARATING ARRANGEMENT

Title (de)  
TRENNANORDNUNG

Title (fr)  
SYSTÈME DE SÉPARATION

Publication  
**EP 1954613 A4 20110330 (EN)**

Application  
**EP 06824502 A 20061130**

Priority  
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• SE 0502629 A 20051201

Abstract (en)  
[origin: WO2007064283A1] An arrangement for the separation of an end sheet (21) from a group of parallel sheets overlapping each other comprises a pair of parallel rotatable rollers, which between themselves form a roller nip, the group of sheets moving in the plane thereof toward the roller nip with heading edges substantially parallel to the rollers, and a first one of the rollers being arranged to rotate in a first direction in order to contact and convey the end sheet (2') in the feed direction thereof. The second roller is arranged rotatable in the same rotational direction as the first roller. The envelope surface of the first roller has a higher friction coefficient than the second roller. A displacement arrangement is arranged to mutually bias the rollers into contact against each other, and that the rollers are mutually directed for the displacement toward and away from each other.

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Citation (search report)  
• [XYI] EP 0943567 A2 19990922 - CANON DENSHI KK [JP]  
• [Y] US 2003001334 A1 20030102 - HOBEROCK TIM M [US]  
• [Y] EP 0921083 A2 19990609 - NCR INT INC [US]  
• [A] US 2004164478 A1 20040826 - TANIYAMA YOSHIHARU [JP]  
• See references of WO 2007064283A1

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DOCDB simple family (publication)  
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