

Title (en)  
A SEPARATING ARRANGEMENT

Title (de)  
TRENNANORDNUNG

Title (fr)  
SYSTÈME DE SÉPARATION

Publication  
**EP 1954613 A1 20080813 (EN)**

Application  
**EP 06824502 A 20061130**

Priority  
• SE 2006001371 W 20061130  
• 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.

IPC 8 full level  
**B65H 3/46** (2006.01); **B65H 3/06** (2006.01); **B65H 7/12** (2006.01)

CPC (source: EP SE US)  
**B65H 3/0623** (2013.01 - SE); **B65H 3/0653** (2013.01 - EP US); **B65H 3/46** (2013.01 - SE); **B65H 3/5246** (2013.01 - EP US);  
**B65H 7/12** (2013.01 - EP SE US); **B65H 2404/1441** (2013.01 - EP US); **B65H 2404/531** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US);  
**B65H 2511/224** (2013.01 - EP US); **B65H 2511/51** (2013.01 - EP US); **B65H 2511/524** (2013.01 - EP US); **B65H 2513/52** (2013.01 - EP US);  
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C-Set (source: EP US)

EP  
1. **B65H 2511/224 + B65H 2220/02 + B65H 2220/11**  
2. **B65H 2511/524 + B65H 2220/01**  
3. **B65H 2511/22 + B65H 2220/01**  
4. **B65H 2511/51 + B65H 2220/03**  
5. **B65H 2511/524 + B65H 2220/03**  
6. **B65H 2513/52 + B65H 2220/03**  
US  
1. **B65H 2511/224 + B65H 2220/02 + B65H 2220/11**  
2. **B65H 2511/524 + B65H 2220/01**  
3. **B65H 2513/52 + B65H 2220/03**  
4. **B65H 2511/22 + B65H 2220/01**  
5. **B65H 2511/51 + B65H 2220/03**  
6. **B65H 2511/524 + B65H 2220/03**

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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