

Title (en)
Alignment unit for sheet material

Title (de)
Ausrichteeinheit für bogenförmiges Material

Title (fr)
Unité d'alignement pour matériau en feuille

Publication
EP 1170233 A3 20030129 (DE)

Application
EP 01109223 A 20010414

Priority
DE 10023290 A 20000512

Abstract (en)
[origin: US2003042669A1] The invention relates to an alignment unit for sheet material (1) which is upstream of the conveyor plane (9) for the sheet material (1). Feed of the sheet material (1) takes place via driven surfaces (33) which touch at least one side of the sheet material (1). The alignment unit (8) holds rotation elements (25, 38) which grip the sheet material (1) and which correct the offset of the sheet material (1) with reference to the direction (22) in which it is running. Of them, at least two rotation elements (25) which lie in one plane can be moved to the remaining rotation elements (38).

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B65H 9/10

IPC 8 full level
B65H 9/00 (2006.01); **B65H 9/10** (2006.01)

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B65H 9/002 (2013.01 - EP US); **B65H 9/106** (2013.01 - EP US); **B65H 2301/44318** (2013.01 - EP US)

Citation (search report)

- [XA] US 6019365 A 20000201 - MATSUMURA TAKUO [JP]
- [A] GB 445376 A 19360408 - JOHN RATCLIFF & SONS LTD, et al
- [A] EP 0849929 A2 19980624 - CANON KK [JP]
- [A] WO 9818053 A1 19980430 - OCE PRINTING SYSTEMS GMBH [DE], et al

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2003042669 A1 20030306; AT E322442 T1 20060415; DE 10023290 A1 20011115; DE 50109412 D1 20060518; EP 1170233 A2 20020109; EP 1170233 A3 20030129; EP 1170233 B1 20060405; JP 2002003017 A 20020109

DOCDB simple family (application)
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