

Title (en)
Former for a folding unit

Title (de)
Vorrichtung zum Falzen mit einem Falztrichter

Title (fr)
Triangle plieur pour une unité de pliage

Publication
EP 1564171 A3 20051019 (DE)

Application
EP 05102853 A 20020719

Priority
• DE 10139216 A 20010809
• EP 02764520 A 20020719

Abstract (en)
[origin: WO03016189A2] A forming roller, which is rotationally driven, is located at the intake of a former for a folding unit. A controller unit controls the rotation of the motor in such a way that the forming cylinder exerts a tensile force on a material web that is fed to said cylinder.

IPC 1-7
B65H 45/22; **B65H 26/02**

IPC 8 full level
B65H 26/02 (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP US)
B65H 26/025 (2013.01 - EP US); **B65H 45/22** (2013.01 - EP US); **B65H 45/221** (2013.01 - EP US); **B65H 2404/14** (2013.01 - EP US); **B65H 2511/52** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/40** (2013.01 - EP US); **B65H 2515/31** (2013.01 - EP US)

C-Set (source: EP US)

EP
1. **B65H 2513/10 + B65H 2220/01**
2. **B65H 2513/40 + B65H 2220/02**
3. **B65H 2513/40 + B65H 2220/02 + B65H 2220/11**
4. **B65H 2515/31 + B65H 2220/02**
5. **B65H 2511/52 + B65H 2220/01**
6. **B65H 2513/10 + B65H 2220/02 + B65H 2220/11**
US
1. **B65H 2511/52 + B65H 2220/01**
2. **B65H 2513/10 + B65H 2220/01**
3. **B65H 2513/10 + B65H 2220/02 + B65H 2220/11**
4. **B65H 2513/40 + B65H 2220/02**
5. **B65H 2513/40 + B65H 2220/02 + B65H 2220/11**
6. **B65H 2515/31 + B65H 2220/02**

Citation (search report)
• [DA] DE 4137818 A1 19930519 - ROLAND MAN DRUCKMASCH [DE]
• [DA] US 5449156 A 19950912 - GNUECHTEL HERMAN C [US], et al
• [DA] DE 29723888 U1 19990610 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03016189 A2 20030227; **WO 03016189 A3 20030626**; AT E321721 T1 20060415; AT E344213 T1 20061115; AU 2002328774 A1 20030303; DE 10139216 A1 20030515; DE 10139216 C2 20030828; DE 50206248 D1 20060518; DE 50208627 D1 20061214; EP 1417147 A2 20040512; EP 1417147 B1 20060329; EP 1564171 A2 20050817; EP 1564171 A3 20051019; EP 1564171 B1 20061102; US 2004188909 A1 20040930; US 6913256 B2 20050705

DOCDB simple family (application)
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