

Title (en)

FOLDING DEVICE WITH A FIRST AND A SECOND PARTIAL CYLINDER

Title (de)

FALZAPPARAT MIT EINEM ERSTEN UND EINEM ZWEITEN TEILZYLINDER

Title (fr)

APPAREIL DE PLIAGE COMPRENANT UN PREMIER ET UN DEUXIEME CYLINDRE PARTIEL

Publication

EP 1476383 A1 20041117 (DE)

Application

EP 03709626 A 20030218

Priority

- DE 0300491 W 20030218
- DE 10206578 A 20020218

Abstract (en)

[origin: EP1505029A2] The folding device has a first partial cylinder (01) and a second partial cylinder (02), which together form a cylindrical body. The partial cylinders can rotate relative to each other, and each has two groups of function elements round the circumference. Each partial cylinder has its own drive motor (17, 26) to rotate it.

IPC 1-7

B65H 45/16; B41F 13/004

IPC 8 full level

B65H 45/16 (2006.01)

CPC (source: EP US)

B65H 45/168 (2013.01 - EP US); **B65H 2220/09** (2013.01 - EP); **B65H 2404/412** (2013.01 - EP US); **B65H 2404/4121** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/11** (2013.01 - EP US); **B65H 2555/24** (2013.01 - EP US)

C-Set (source: EP US)

EP

1. **B65H 2513/11** + **B65H 2220/01** + **B65H 2220/02**
2. **B65H 2555/24** + **B65H 2220/09**
3. **B65H 2513/10** + **B65H 2220/01**

US

1. **B65H 2513/10** + **B65H 2220/01**
2. **B65H 2513/11** + **B65H 2220/01** + **B65H 2220/02**
3. **B65H 2555/24** + **B65H 2220/09**

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03070612 A1 20030828; **WO 03070612 B1 20031016**; AT E343539 T1 20061115; AT E348068 T1 20070115; AU 2003214005 A1 20030909; DE 10206578 C1 20030918; DE 50305482 D1 20061207; DE 50305961 D1 20070125; EP 1476383 A1 20041117; EP 1476383 B1 20061025; EP 1505029 A2 20050209; EP 1505029 A3 20050601; EP 1505029 B1 20061213; US 2005159285 A1 20050721; US 7083561 B2 20060801

DOCDB simple family (application)

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