

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: WO03070612A1] A folding device comprises a first (01) and a second partial cylinder (02) which together form a cylinder body. The partial cylinders (01, 02) may rotate relative to each other and each has a first and second group of functional elements distributed around the circumference of the cylinder. Each partial cylinder is provided with a dedicated drive motor (17, 26) for rotational drive.

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)

Citation (search report)

See references of WO 03070612A1

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)

DE 0300491 W 20030218; AT 03709626 T 20030218; AT 04102148 T 20030218; AU 2003214005 A 20030218; DE 10206578 A 20020218; DE 50305482 T 20030218; DE 50305961 T 20030218; EP 03709626 A 20030218; EP 04102148 A 20030218; US 50394304 A 20040818