

Title (en)

Folding apparatus comprising a cylinder with adjustable circumference

Title (de)

Falzapparat mit umfangsverstellbarem Zylinder

Title (fr)

Dispositif de pliage comportant un cylindre à circonférence variable

Publication

**EP 1437318 B1 20070627 (DE)**

Application

**EP 04101261 A 20020928**

Priority

- DE 10148503 A 20011001
- EP 02776741 A 20020928

Abstract (en)

[origin: WO03031303A2] A folding gear comprises a cylinder mounted in a frame such as to rotate, with at least one clamp arranged on the outer surface thereof which may be positioned by means of an actuator, whereby the actuator comprises a flexible toothed shell, shaped by a non-circular section of a shaft and a hollow gear engaging with the shell, in other words a harmonic drive gear.

IPC 8 full level

**B65H 45/16** (2006.01)

CPC (source: EP US)

**B65H 45/161** (2013.01 - EP US); **B65H 45/166** (2013.01 - EP US); **Y10T 83/0519** (2015.04 - EP US); **Y10T 83/4743** (2015.04 - EP US)

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