

Title (en)

Folding apparatus with combined cutting and clamping cylinder

Title (de)

Falzapparat mit kombiniertem Schneid- und Klemmzylinder

Title (fr)

Appareil de pliage avec un cylindre de découpage et de serrage combiné

Publication

EP 1136411 A3 20030604 (DE)

Application

EP 01105347 A 20010308

Priority

US 53368500 A 20000323

Abstract (en)

[origin: EP1136411A2] The appliance has cutter/clamp devices (101,102) to make first and second cuts for a continuous cut in a material length (1), forming a signature with smooth edges. A second of the cutter/clamp devices has a second cutter cylinder (10) with second cutter elements (19), acting with a second anvil cylinder (20). The cylinder has a peripheral coating of elastic material, which clamps and guides the material length in a gap between second anvil cylinder and second cutter cylinder, while second cuts are made.

IPC 1-7

B65H 35/08; **B65H 45/28**

IPC 8 full level

B65H 35/08 (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)

B65H 35/08 (2013.01 - EP US); **B65H 45/28** (2013.01 - EP US); **Y10T 83/4833** (2015.04 - EP US); **Y10T 83/4841** (2015.04 - EP US); **Y10T 83/9408** (2015.04 - EP US)

Citation (search report)

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EP1683752A1; US7007580B2; WO2008015588A3; EP3093244B1; EP3093244B2

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