

Title (en)

Folding apparatus with a first and a second cylinder

Title (de)

Falzapparat mit einem ersten und einem zweiten Zylinder

Title (fr)

Appareil de pliage avec un premier et un deuxième cylindre

Publication

EP 1234794 B1 20120125 (DE)

Application

EP 02002022 A 20020207

Priority

US 79507501 A 20010223

Abstract (en)

[origin: EP1234794A2] The folding apparatus has a first roller (14) with a gripper (32) for holding signatures and a folding blade (37) for producing a fold in it. A second roller (15) is fitted with a pocket (38) which holds the signature at the fold. A first motor (170) drives the gripper and a second motor (180) drives the folding blade and pocket. E- Independent claims are included for: (a) a method for cutting and folding printed products using the apparatus; and (b) a web-fed rotary printing machine fitted with it.

IPC 8 full level

B41F 13/56 (2006.01); **B65H 45/16** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)

B41F 13/0045 (2013.01 - EP US); **B41F 13/62** (2013.01 - EP US); **B65H 45/168** (2013.01 - EP US)

Cited by

FR2847512A1; CN102794931A; US7540836B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1234794 A2 20020828; **EP 1234794 A3 20031105**; **EP 1234794 B1 20120125**; AT E542766 T1 20120215; DE 10204756 A1 20020905; JP 2002255447 A 20020911; JP 4083440 B2 20080430; RU 2286880 C2 20061110; US 2002119877 A1 20020829; US 2004185997 A1 20040923; US 2006234847 A1 20061019; US 6752751 B2 20040622; US 7090632 B2 20060815; US 7972256 B2 20110705

DOCDB simple family (application)

EP 02002022 A 20020207; AT 02002022 T 20020207; DE 10204756 A 20020206; JP 2002043091 A 20020220; RU 2002104568 A 20020222; US 47260206 A 20060622; US 79507501 A 20010223; US 79924504 A 20040312