

Title (en)

FOLDING CYLINDER FOR SHEET-LIKE MATERIAL

Title (de)

FALZZYLINDER FÜR BLATTGUT

Title (fr)

CYLINDRE DE PLIAGE POUR MATERIAU EN FEUILLE

Publication

EP 1611042 B1 20091021 (EN)

Application

EP 04721983 A 20040319

Priority

- IT 2004000134 W 20040319
- IT FI20030085 A 20030328

Abstract (en)

[origin: WO2004085301A1] A folding cylinder (1) for sheet-like material (M), for cooperating with a cutting roller (3) for cutting the material (M) in sheets (F1, F2) and with a second folding cylinder (2) for picking up the sheets (F1, F2) and transversally folding them, comprising two parts (13, 14) defining in cooperation the working surface of the cylinder, one or more counter-cutting grooves (6) for cutting the material and first drive means (12) for receiving the operation from the cutting roller (3) being associated to a first (13) of said parts, while at least one deviation device (7) cooperating with the second folding cylinder (2) and second drive means (18) for transmitting the operation to a second cylinder (2) are associated to a second part (14) of the first cylinder (1). The first and the second part (13, 14) may be angularly displaced with respect to each other around the axis of the cylinder, mutual locking means (15, 16) being also provided between the parts (13, 14), which may be disengaged to permit the angular displacement.

IPC 8 full level

B65H 45/28 (2006.01); **B65H 45/16** (2006.01)

CPC (source: EP)

B65H 45/162 (2013.01); **B65H 45/28** (2013.01)

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004085301 A1 20041007; AT E446271 T1 20091115; DE 602004023705 D1 20091203; EP 1611042 A1 20060104; EP 1611042 B1 20091021; ES 2335006 T3 20100318; IT FI20030085 A1 20040929; PL 1611042 T3 20100430; SI 1611042 T1 20100331

DOCDB simple family (application)

IT 2004000134 W 20040319; AT 04721983 T 20040319; DE 602004023705 T 20040319; EP 04721983 A 20040319; ES 04721983 T 20040319; IT FI20030085 A 20030328; PL 04721983 T 20040319; SI 200431322 T 20040319