

Title (en)
BUCKLE FOLDING MACHINE

Title (de)
STAUCHFALZMASCHINE

Title (fr)
PLIEUSE A POCES

Publication
EP 0664764 B1 19980422 (DE)

Application
EP 93922855 A 19931013

Priority
• AT 9300154 W 19931013
• AT 206092 A 19921019

Abstract (en)
[origin: WO9408882A1] A buckle folding machine has a stationary machine frame (1) and four parallel work cylinders (3, 4, 5, 6) of the same outer diameter arranged in pairs forming at least two folding slots for the products to be folded and rotatable at the same speed of rotation by means of a common gear. The four work cylinders (3, 4, 5, 6) and the common gear are arranged in a rotary frame (2) rotatively mounted in the machine frame (1) by means of a drive for drawing-in, folding and ejecting the products to be folded. At least one of the work cylinders (3, 4, 5, 6), which turns together with the rotary frame (2), is movably arranged therein. At least one of the work cylinders (3, 4, 5, 6) may be forcibly moved within the rotary cylinder by means of a mechanical control. A device for drawing-in the products to be folded associated with the first folding slot cooperates with the rotary frame (2) during drawing-in and folding.

IPC 1-7
B65H 45/12

IPC 8 full level
B65H 45/16 (2006.01); **B43M 3/04** (2006.01); **B65H 45/12** (2006.01)

CPC (source: EP KR US)
B43M 3/04 (2013.01 - EP US); **B65H 45/12** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9408882 A1 19940428; AT 401046 B 19960528; AT A206092 A 19951015; AT E165309 T1 19980515; AU 5171993 A 19940509; AU 676215 B2 19970306; CA 2147256 A1 19940428; CA 2147256 C 20050118; DE 59308452 D1 19980528; DK 0664764 T3 19990215; EP 0664764 A1 19950802; EP 0664764 B1 19980422; ES 2118261 T3 19980916; JP 2802341 B2 19980924; JP H07507757 A 19950831; KR 100310075 B1 20011228; KR 950703479 A 19950920; US 5803890 A 19980908

DOCDB simple family (application)
AT 9300154 W 19931013; AT 206092 A 19921019; AT 93922855 T 19931013; AU 5171993 A 19931013; CA 2147256 A 19931013; DE 59308452 T 19931013; DK 93922855 T 19931013; EP 93922855 A 19931013; ES 93922855 T 19931013; JP 50943094 A 19931013; KR 19950701495 A 19950419; US 42425395 A 19950414