

Title (en)  
FLANGING DEVICE WITH PRESSING AND CLAMPING ELEMENTS

Title (de)  
BÖRDELEINRICHTUNG MIT PRESS- UND SPANNELEMENTEN

Title (fr)  
DISPOSITIF DE SERTISSAGE A ELEMENTS DE PRESSION ET DE SERRAGE

Publication  
**EP 1056556 B1 20011128 (DE)**

Application  
**EP 99906187 A 19990122**

Priority  
• DE 29801147 U 19980124  
• DE 29801153 U 19980124  
• EP 9900402 W 19990122

Abstract (en)  
[origin: US6477880B1] A flanging or hemming device (1) is provided with an external flanging unit (6) and/or an internal flanging unit (7) as well as a clamping device (3). The clamping device (3) has one or more leading pressing and clamping elements (71) which are movable or deformable and can be adjusted in accordance with the place or time and/or force with which they act on the workpiece or work-pieces (9). The pressing and clamping elements (71) are notably elastically deformable. They can also comprise a spring (72) or be fluidically pre-stressed.

IPC 1-7  
**B21D 39/02**

IPC 8 full level  
**B21D 19/00** (2006.01); **B21D 39/02** (2006.01)

CPC (source: EP US)  
**B21D 19/00** (2013.01 - EP US); **B21D 39/021** (2013.01 - EP US); **Y10T 29/53791** (2015.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**US 6477880 B1 20021112**; BR 9907221 A 20001024; CA 2318544 A1 19990729; DE 59900465 D1 20020110; EP 1056556 A1 20001206; EP 1056556 B1 20011128; ES 2164488 T3 20020216; WO 9937419 A1 19990729

DOCDB simple family (application)  
**US 60062000 A 20000718**; BR 9907221 A 19990122; CA 2318544 A 19990122; DE 59900465 T 19990122; EP 9900402 W 19990122; EP 99906187 A 19990122; ES 99906187 T 19990122