

Title (en)  
STOP MECHANISM FOR A BENDING PRESS

Title (de)  
ANSCHLAGVORRICHTUNG FÜR EINE BIEGEPRESSE

Title (fr)  
DISPOSITIF DE BUTÉE POUR PRESSE À CINTRER

Publication  
**EP 2043795 B1 20110330 (DE)**

Application  
**EP 07784589 A 20070724**

Priority  
• AT 2007000358 W 20070724  
• AT 12592006 A 20060725

Abstract (en)  
[origin: WO2008011648A1] The invention relates to an automatic stop mechanism (1) which can be placed above a control and regulation device of a bending press, particularly a folding press, and is used for positioning a workpiece (6) that is to be shaped by forming the same under bending conditions between bending tools (4, 5) located across from one another in a bench beam (2) and a bending beam (3), said bending beam (3) being movable relative to the bench beam (2). The stop mechanism (1) comprises a stop supporting carriage (13) and a stop support (14) which protrudes from the stop supporting carriage (13) in an essentially vertical direction relative to a bending plane (8) that is formed by the bending tools (4, 5). The stop mechanism (1) further comprises a stop element (15) which embodies a finger area and can be displaced relative to the stop support (14) between a neutral position facing the bending plane (8) and a stop position located at a distance from the neutral position, against the effect of a spring assembly (21), within a guiding arrangement (16) that extends perpendicular to the bending plane (8). A retaining device (31) which can be regulated and can be connected, is provided in order to put up added adjusting resistance against a stopping movement of the stop element (15) if necessary.

IPC 8 full level  
**B21D 5/00** (2006.01)

CPC (source: EP US)  
**B21D 5/002** (2013.01 - EP US)

Cited by  
EP2586544A1; CN109570372A; EP3141309A1; FR3040643A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008011648 A1 20080131**; AT 503790 A4 20080115; AT 503790 B1 20080115; AT E503597 T1 20110415; DE 502007006846 D1 20110512; EP 2043795 A1 20090408; EP 2043795 B1 20110330; PL 2043795 T3 20110930; US 2011048088 A1 20110303; US 8683835 B2 20140401

DOCDB simple family (application)  
**AT 2007000358 W 20070724**; AT 07784589 T 20070724; AT 12592006 A 20060725; DE 502007006846 T 20070724; EP 07784589 A 20070724; PL 07784589 T 20070724; US 37506607 A 20070724