Title (en)

APPARATUS FOR BENDING OR STRAIGHTENING WORK PIECES BY PLASTIC DEFORMATION

Publication

EP 0350671 A3 19901010 (DE)

Application

EP 89111254 A 19890621

Priority

DE 3823675 A 19880713

Abstract (en)

[origin: JPH02127923A] PURPOSE: To bend or straighten a work having an elastic and plastic deformation characteristic by maintaining a play between mutually adjacent indenting elements and force distributing elements and between these elements and a supporting wall surface of a support element. CONSTITUTION: The indenting elements 3 and the force distributing elements 4 are automatically adapted to a contour of a load surface 2' in the work 2 by an indenting force F which is introduced via the support element 6 and guided to the indenting elements 3 through the force distributing elements 4 in contact with adjacent indenting elements 3, and by a play(s) between the force distributing elements 4 and the indenting elements 3 and the play between these elements 3, 4 and the support element 6. The force is uniformly distributed in the indenting elements 3 by the adaptability regardless of the contour of the load surface 2' in the work 2, and this is maintained through the whole deforming processes. Therefore, the adaptation of the indenting elements to prescribed or varied contours is achieved.

IPC 1-7

B21D 1/00; B21D 31/06

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [Y] GB 2068277 A 19810812 - TRANSEQUIP LTD
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Designated contracting state (EPC)

BE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0350671 A2 19900117; **EP 0350671 A3 19901010**; **EP 0350671 B1 19931124**; CA 1329498 C 19940517; DE 3823675 A1 19900118; DE 3823675 C2 19921224; ES 2048790 T3 19940401; JP H02127923 A 19900516; US 4974434 A 19901204

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