

Title (en)

DEVICE FOR EXERTING A SURFACE PRESSURE ON WORKPIECES IN MOVEMENT

Publication

**EP 0036176 A3 19820203 (DE)**

Application

**EP 81101787 A 19810311**

Priority

- DE 3009770 A 19800314
- DE 3048839 A 19801223

Abstract (en)

[origin: ES8205378A1] In an apparatus for applying surface pressure onto advancing workpieces including at least one rotating pressing belt whose interior is acted on by a pressure plate, a plurality of smaller pressure chambers are arranged over the width of the effective pressure area of the pressing belt. Each one of these pressure chambers is divided into an inner pressure chamber and an outer pressure chamber so that the compressed air first builds up in the inner pressure chamber and then, with a delay, in the outer pressure chamber. Moreover, the inner fitting may be provided with a blocking device which temporarily blocks the supply of pressure medium to the outer pressure chamber.

IPC 1-7

**B27D 3/04**; **B30B 5/06**

IPC 8 full level

**B30B 5/06** (2006.01)

CPC (source: EP US)

**B30B 5/062** (2013.01 - EP US)

Citation (search report)

- DE 2735142 A1 19790215 - HELD KURT
- US 3547742 A 19701215 - COTTRELL EDWARD D
- [A] DE 2536476 A1 19770217 - KUESTERS EDUARD

Cited by

EP0128968A1; EP0088978A3; US4532292A; US4533590A

Designated contracting state (EPC)

AT BE CH FR GB IT NL SE

DOCDB simple family (publication)

**EP 0036176 A2 19810923**; **EP 0036176 A3 19820203**; **EP 0036176 B1 19850807**; ES 500323 A0 19820601; ES 8205378 A1 19820601; FI 75116 B 19880129; FI 75116 C 19880509; FI 810729 L 19810915; US 4384516 A 19830524

DOCDB simple family (application)

**EP 81101787 A 19810311**; ES 500323 A 19810313; FI 810729 A 19810309; US 24364881 A 19810313