

Title (en)

HYDRAULICALLY ACTUATED STRETCHING DEVICE FOR STRETCHING SAW BLADES IN A GANG SAW

Publication

EP 0046977 B1 19850102 (DE)

Application

EP 81106603 A 19810826

Priority

CH 659680 A 19800902

Abstract (en)

[origin: EP0046977A2] 1. Hydraulic tensioning device (21) for tensioning saw blades (19) on a saw frame, said tensioning device (21) comprising at least one piston (39) capable of being actuated by a hydraulic fluid to tension the saw blade (19) and to keep it in tensioned position by the pressure in the hydraulic fluid, characterized in that the tensioning device comprises a body (31) having a width not being larger than the usual center-to-center-distance between two saw blades (19), in that the body (31) comprises means (23, 25) for attaching a saw blade (19) or a saw blade holder, and in that in the body (31), at least on one side of the means (23), at least one cylinder bore (37) for receiving the hydraulic piston (39) is provided, said cylinder bore (37) being connected to a pressure generator (57) located in the body (31).

IPC 1-7

B27B 3/34

IPC 8 full level

B27B 3/34 (2006.01)

CPC (source: EP)

B27B 3/34 (2013.01)

Citation (examination)

- DE 2656961 A1 19780622 - JANSEN FA R
- Der Vorrichtungsbau, 1. Teil, H.Mauri, Springer-Verlag, Berlin, 1957, Seite 20

Cited by

US4682525A; CN115104448A; DE3512821C1

Designated contracting state (EPC)

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EP 0046977 A2 19820310; EP 0046977 A3 19830216; EP 0046977 B1 19850102; AT E11020 T1 19850115; DE 3168038 D1 19850214

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