

Title (en)
SCREW MACHINE.

Title (de)
SCHRAUBENVORRICHTUNG.

Title (fr)
MACHINE A VIS.

Publication
EP 0232421 A4 19890207 (DE)

Application
EP 85905010 A 19850722

Priority
SU 8500061 W 19850722

Abstract (en)
[origin: US4764094A] PCT No. PCT/SU85/00061 Sec. 371 Date Mar. 20, 1987 Sec. 102(e) Date Mar. 20, 1987 PCT Filed Jul. 22, 1985 PCT Pub. No. WO87/00571 PCT Pub. Date Jan. 29, 1987. The screw machine comprises consecutively mounted screw mechanisms (6, 7 and 8, 9) incorporating coaxially arranged stators (10, 12 and 14, 16) and rotors (11, 13 and 15, 17) disposed therein whose axes are offset with respect to the central axis of the stators (10, 12 and 14, 16) by the amount of eccentricity "e" of the screw mechanisms (6, 7 and 8, 9). The screw mechanisms (6, 7 and 8, 9) are grouped into modules (4, and 5) and the modules proper are grouped into blocks (3). The axes of the rotors (11, 13, 15, 17) of the screw mechanisms (6, 7 and 8, 9) in the module (4 and 5) and the modules (4, and 5) proper in the block (3) are arranged symmetrically relative to the central axis.

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IPC 8 full level
E21B 4/02 (2006.01); **F01C 1/107** (2006.01); **F01C 11/00** (2006.01)

CPC (source: EP US)
E21B 4/02 (2013.01 - EP US); **F01C 11/002** (2013.01 - EP US)

Citation (search report)

- [X] GB 436843 A 19351018 - RENE JOSEPH LOUIS MOINEAU
- See references of WO 8700571A1

Cited by
EP0287155A3; CN108533445A

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

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US 4764094 A 19880816; AT E69485 T1 19911115; BR 8507248 A 19871027; DE 3584677 D1 19911219; DK 141887 A 19870403; DK 141887 D0 19870319; EP 0232421 A1 19870819; EP 0232421 A4 19890207; EP 0232421 B1 19911113; JP S63500315 A 19880204; NO 871171 D0 19870320; NO 871171 L 19870320; WO 8700571 A1 19870129

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US 3573187 A 19870320; AT 85905010 T 19850722; BR 8507248 A 19850722; DE 3584677 T 19850722; DK 141887 A 19870319; EP 85905010 A 19850722; JP 50442585 A 19850722; NO 871171 A 19870320; SU 8500061 W 19850722