

Title (en)

MACHINE WITH MULTI TANDEM FREE PISTONS

Publication

**EP 0031344 B1 19821222 (FR)**

Application

**EP 80901199 A 19810112**

Priority

FR 7916295 A 19790625

Abstract (en)

[origin: WO8100019A1] A machine with free pistons comprising a frame, an inner moving assembly comprising a central cross bar and translatingly guided so as to effect a reciprocating motion along the frame axis and an outer moving assembly comprising two outer cross bars connected by at least one brace rod. The frame comprises a base (10) and a head (11) connected by at least one central monoblock structure. The inner moving assembly comprises four inner motor pistons movable along motor cylinders (15a-15d) arranged at the top of a rectangle and two compressor pistons sliding within the compressor cylinders (17a-17b) of which the axis pass outside said rectangle.

IPC 1-7

**F02B 71/06**; **F01B 11/00**

IPC 8 full level

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CPC (source: EP US)

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