

Title (en)

TANDEM MACHINE WITH OPPOSITE FREE PISTONS.

Title (de)

TANDEM MASCHINE MIT ENTGEGENGESETZTEN FREIEN KOLBEN.

Title (fr)

MACHINE TANDEM A PISTONS LIBRES OPPOSES.

Publication

EP 0028224 A1 19810513 (FR)

Application

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Priority

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Abstract (en)

[origin: WO8002442A1] A tandem machine with opposite free pistons comprising at least two groups of motor pistons-cylinders (A, B) and compressor cylinders and the moving parts of this machine provide two gears. The compressor cylinders of the outer moving gear are arranged outside cross bars (23, 24) on which the outer motor and compressor pistons are fixed (3, 6, 15, 16, 17, 18); these cross bars are interconnected by connecting rods (25, 26). The machine may comprise a plurality of motor units and a plurality of compressor units, and provide a gas self generator.

Abstract (fr)

Une machine tandem a pistons libres opposes comporte au moins deux groupes de pistons-cylindres moteurs (A et B) et des cylindres compresseurs et les parties mobiles de cette machine constituent deux equipages. Les cylindres compresseurs de l'equipage mobile exterieur sont disposes a l'exterieur de traverses (23, 24) sur lesquelles sont fixes les pistons moteurs et compresseurs exterieurs (3, 6, 15, 16, 17, 18) et qui sont reunies entre elles par des tiges de liaison (25, 26). La machine peut comporter plusieurs groupes moteurs et plusieurs groupes compresseurs, et constituer un autogenerateur de gaz.

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