

Title (en)  
RECIPROCATING PISTON MACHINE WITH A DRIVER

Title (de)  
HUBKOLBENMASCHINE MIT EINEM MITNEHMER

Title (fr)  
MACHINE A PISTONS ELEVATEURS DOTEE D'UN ENTRAINEUR

Publication  
**EP 1387956 A2 20040211 (DE)**

Application  
**EP 02735132 A 20020314**

Priority  
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• EP 0202829 W 20020314

Abstract (en)  
[origin: WO02093009A2] A reciprocating piston machine comprising a machine shaft (2), several pistons (4) arranged around said machine shaft (2) in a circle, and an annular pivoting disk (5) which is driven by the machine shaft (2) and which engages with the piston by means of a hinge arrangement (6), said pivoting disk being connected to the machine shaft by means of a driver (7). The driver (7) comprises an articulated section (7a) whose center point lies outside the main center plane extending perpendicularly in relation to the hinge axis (9) through the axis of rotation (11) of the machine shaft (2). Alternately, the driver (7) is provided with a fixing section (7c) having a non-circular fixing cross-section.

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**F04B 1/00**

IPC 8 full level  
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CPC (source: EP KR US)  
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See references of WO 02093009A2

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