

Title (en)

Two-shaft machine.

Title (de)

Zweiwellenmaschine.

Title (fr)

Machine à deux arbres.

Publication

**EP 0281654 A1 19880914 (DE)**

Application

**EP 87103508 A 19870311**

Priority

EP 87103508 A 19870311

Abstract (en)

In order to adapt a two-shaft machine with a housing (2) and two pistons (6, 7), which are arranged such that they can rotate in the housing without making contact, to its field of operation, it is proposed to use coated pistons and to achieve the desired cold play by selection of the coating thickness. <IMAGE>

Abstract (de)

Um eine Zweiwellenmaschine mit einem Gehäuse (2) und zwei im Gehäuse berührungsfrei drehbar angeordneten Kolben (6, 7) an ihr Einsatzgebiet anzupassen, wird vorgeschlagen, beschichtete Kolben zu verwenden und durch Wahl der Schichtstärke das gewünschte Kaltspiel zu erzielen.

IPC 1-7

**F01C 1/12**

IPC 8 full level

**F04C 18/18** (2006.01); **F01C 1/08** (2006.01); **F01C 1/12** (2006.01); **F01C 1/18** (2006.01); **F01C 21/08** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)

**F01C 1/082** (2013.01 - EP US); **F01C 1/126** (2013.01 - EP US); **Y10T 29/49236** (2015.01 - EP US); **Y10T 29/49242** (2015.01 - EP US); **Y10T 29/4984** (2015.01 - EP US)

Citation (search report)

- [X] GB 772350 A 19570410 - HANOMAG AG
- [X] DE 924229 C 19550228 - HANNOVERSCHE MASCHB AG
- [X] US 2944732 A 19600712 - ALBERT LORENZ
- [X] DE 3142896 A1 19820826 - LUFT U KAELETETECHNIK VEB K [DD]
- [A] DE 437757 C 19261126 - PAUL CHRISTLEIN DR ING, et al
- [A] GB 1269205 A 19720406 - LUCAS INDUSTRIES LTD

Cited by

EP0378009A3; DE4300274A1; AT397134B; US5275205A; GB2243189A; US5223052A; GB2243189B; WO9416228A1

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