

Title (en)

DRIVEN/DRIVING PIECE ASSEMBLY WITH A FIXED CYCLE AND NON-CONSTANT SPEED RATIO THROUGH A CYCLE

Title (de)

GETAKTE BEWEGBARE TREIBENDE / GETRIEBENE EINHEIT, MIT NICHT KONSTANTER ÜBERSETZUNG WÄHREND EINES TAKTES

Title (fr)

ENSEMBLE MOBILE MENANT/MOBILE MENE A CYCLE FIXE, AVEC RAPPORT DE VITESSES NON CONSTANT AU COURS D UN CYCLE

Publication

EP 1483518 A1 20041208 (FR)

Application

EP 03722684 A 20030228

Priority

- FR 0300666 W 20030228
- FR 0202954 A 20020308

Abstract (en)

[origin: WO03076830A1] The transmission means between the first moving piece (1) and the second moving piece (2) comprise a guide (7), defining a first cam profile (7a) and a rigid connection (4) of the rod-type, which connects the first moving piece (1) to the second moving piece (2) such that the distance between the two moving pieces is variable. Said connection (4) is displaced in a permanently guided manner by the first profile of the cam (7a) and cooperates with a second cam profile (21a) on the second moving piece (2) for the transmission of movement between the two moving pieces, the two cam profiles (7a, 21a) being chosen such that the speed ratio between the two moving pieces (1 and 2) varies through the course of a cycle.

IPC 1-7

F16H 25/00; **F16H 21/00**

IPC 8 full level

F16H 25/18 (2006.01); **F16H 27/02** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 03076830A1

Citation (examination)

PROF. DR.-ING. WOLFGANG BEITZ, PROF. DR.-ING. KARL-HEINZ KÜTTNER: "Dubbel, Taschenbuch für den Maschinenbau", 1990, SPRINGER-VERLAG, BERLIN

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