

Title (en)
MOVEMENT CONVERSION DEVICE

Title (de)
VORRICHTUNG ZUR BEWEGUNGSUMWANDLUNG

Title (fr)
DISPOSITIF POUR TRANSFORMER UN MOUVEMENT

Publication
EP 1497172 A1 20050119 (DE)

Application
EP 03746209 A 20030324

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Abstract (en)
[origin: WO03086855A1] The invention relates to a device for converting rotational movement into a self-rotating movement of two working levers (3,4) defining a truncated cone and vice-versa. Said device comprises a lever bearing arrangement (2) which can rotate around a rotational axis (C). Both of the working levers are arranged in the lever bearing arrangement (2) in such a manner that they are self-rotatingly mounted around an axis (A, B) of self rotation. A planetary wheel (5, 6) is arranged in a torsionally rigid manner on each working lever. The planetary wheels (5, 6) are coupled respectively, by means of a transmission wheel (50, 55), to a sun wheel which can be rotationally blocked, said sun wheel being arranged around a rotational axis (C). Said movement conversion device is constructed in such a manner that it can be used in various ways, the structure thereof being mechanically simple.

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IPC 8 full level
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Cited by
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