

Title (en)
MOVEMENT CONVERSION DEVICE

Title (de)
VORRICHTUNG ZUR BEWEGUNGSUMWANDLUNG

Title (fr)
DISPOSITIF POUR TRANSFORMER UN MOUVEMENT

Publication
EP 1497172 B1 20051102 (DE)

Application
EP 03746209 A 20030324

Priority
• CH 0300186 W 20030324
• CH 6442002 A 20020417

Abstract (en)
[origin: US7537535B2] A device for conversion of a rotational movement into a movement of each of two working levers defining a truncated cone and a self-rotating movement of each of the two working levers and vice versa comprises a lever bearing element which is rotatable around a rotation axis. The two working levers are each self-rotatably positioned around a self-rotation axis in the lever bearing element. A planetary wheel is arranged in a non-rotatable manner on each working lever. The planetary wheels are each coupled to a sun wheel, which is able to be blocked from turning, via a transmission wheel, the sun wheel being arranged around the rotation axis. This device for conversion of movement is utilisable for a great variety of uses and has a simple mechanical construction.

IPC 1-7
B63H 1/08

IPC 8 full level
B63H 1/10 (2006.01)

CPC (source: EP US)
B63H 1/10 (2013.01 - EP US)

Cited by
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DOCDB simple family (publication)
WO 03086855 A1 20031023; AT E308454 T1 20051115; AU 2003209910 A1 20031027; CN 1325328 C 20070711; CN 1662417 A 20050831; DE 50301556 D1 20051208; DK 1497172 T3 20060320; EP 1497172 A1 20050119; EP 1497172 B1 20051102; ES 2250907 T3 20060416; HK 1079162 A1 20060331; US 2005272552 A1 20051208; US 7537535 B2 20090526

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