

Title (en)
POWER TRANSMISSION APPARATUS

Title (de)
KRAFTÜBERTRAGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE TRANSMISSION D'ENERGIE

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Application
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Abstract (en)
[origin: WO0229280A1] A power transmission apparatus (10) including a base (13) with a driven shaft (11) rotably supported by the base (11) is disclosed. The apparatus (10) further includes an internal gear (17) surrounding the shaft (11) and fixed to the base (13), an arm (14) fixed to the shaft (11) and extending generally radially therefrom, a planetary gear (16) rotably attached to the arm (14) and meshingly engaged with the internal gear (17) so that rotation of said planetary gear (16) causes rotation of the shaft (11), and a connecting rod (19) rotably attached to an extension (20) fixed to the planetary gear (16) so that a means driving the connecting rod (19) causes rotation of the planetary gear (16), the connecting rod (19) being attached to the planetary gear (19) at a predetermined location from the planetary gear (16) by the length of the extension (20) and the connecting rod (19) angularly oscillating across a transverse axis of the shaft (11).

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Citation (search report)

- [X] DE 19611619 A1 19971002 - WINGENSIEFEN WILHELM [DE]
- [X] EP 0708274 A1 19960424 - LONGWELL JAPAN CO LTD [JP]
- [X] DE 4336976 A1 19950504 - ERNO RAUMFAHRTTECHNIK GMBH [DE]
- [X] DE 3233314 A1 19840308 - LEHR ANTON
- [X] CA 2213044 A1 19990401 - JOSEPHSON DEAN CHRISTIAN [CA]
- [X] US 1553009 A 19250908 - ERNEST STUKE
- [X] DE 2445874 A1 19760415 - ALBERT GESING INGENIEURBUERO E
- [X] DE 19501561 A1 19960725 - STOPPEL VIKTOR [DE]
- [X] EP 0386847 A2 19900912 - NISHIYAMA OSAMU [JP]
- [X] NL 7907922 A 19810601 - MICHEL JOSEF WILLEM COENEN
- [A] WO 9947835 A1 19990923 - BORTOLIN PETER [AU]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03 31 March 1999 (1999-03-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03 31 March 1997 (1997-03-31)
- See references of WO 0229280A1

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