

Title (en)
CONVERSION OF RECTILINEAR RECIPROCATING MOTION INTO ROTATIONAL MOTION

Title (de)
UMWANDLUNG EINER LINEAREN HINUNDHERBEWEGUNG IN EINER ROTATION

Title (fr)
TRANSFORMATION D'UN MOUVEMENT RECTILIGNE DE VA-ET-VIENT EN MOUVEMENT DE ROTATION

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Application
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Priority
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Abstract (en)
[origin: WO0121947A1] A device for converting a reciprocating rectilinear motion into a rotational motion and vice versa, comprising a connecting rod (4) mounted on a planet wheel (3) engaging a ring gear (1, 27) with external (27) or internal (1) toothing. The radii of the pitch circle of the ring wheel (1; 27) and of the planet wheel (3) give rise to the gear ratio 2:1. The connecting rod pin (15) of the connecting rod (4) performs a rectilinear motion, and this allows to obtain several advantages, particularly in internal combustion engines.

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