

Title (en)

SLIDING FRAME FOR A CRANK FOR A SLIDING MECHANISM FOR AN INTERNAL COMBUSTION ENGINE

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Application

EP 90121458 A 19901109

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Abstract (en)

[origin: EP0429918A1] The invention relates to a sliding frame for a crank for a sliding mechanism for an internal combustion engine for converting a reciprocating movement into a rotational movement, the internal combustion engine having at least two opposing piston/cylinder units on a shaft, the piston rods of which, rigidly fixed on the piston, are coupled by way of the sliding mechanism arranged between the piston cylinder units, which sliding mechanism comprises the sliding frame, on the slideway webs of which the piston rods are likewise rigidly fixed on the outside and in the internal chamber of which a sliding member is seated, which is carried by slideways arranged inside on the slideway webs and in which a crank journal of a crank output performing the rotational movement is rotatably inserted, the shaft of the crank journal extending transversely in relation to the shaft of the piston rods, webs with adequate heating capacity for a uniform distribution of the heat being arranged both above and below the slideway of the slideway frame webs of the sliding frame.

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