

Title (en)

METHOD FOR THE PRODUCTION OF A CONNECTING ROD FOR A RECIPROCATING PISTON ENGINE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES PLEUELS EINER HUBKOLBENMASCHINE

Title (fr)

PROCEDE DE FABRICATION D'UNE BIELLE POUR UN MOTEUR A PISTON ALTERNATIF

Publication

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Application

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Abstract (en)

[origin: WO2004007141A1] The invention relates to a method for the production of a connecting rod for a reciprocating piston engine, made from a cast or forged blank (1), comprising a small connecting rod eye (2) and a large connecting rod eye (3). The large connecting rod eye (3) is divided along a separation plane (4), running through the eye axis in a pre-machining step, whereby previously, in a first machining of the blank (1), the front plane surfaces (13) thereof are ground. After grinding of the plane surfaces (13) of the blank (1), a second machining thereof is carried out for generation firstly of the shape of the large connecting rod eye (3) and subsequently the division line in the separation plane (4) by means of laser cutting.

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