

Title (en)
INTERNAL COMBUSTION ENGINE AND METHOD FOR MANUFACTURING SAME

Title (de)
BRENNKRAFTMASCHINE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
MOTEUR A COMBUSTION INTERNE ET SON PROCEDE DE FABRICATION

Publication
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Application
EP 97952912 A 19971211

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Abstract (en)
[origin: DE19652049C1] The invention relates to an internal combustion engine, notably a multi-cylinder, four-stroke diesel engine, with a divided cast iron crankcase consisting of two half-shells (1a, 1b), which are connected by means of fastening bolts, whereby the joint plane runs in the direction of the crankshaft and cylinder axis. Separate cylinder sleeves (2) are arranged in recesses (1a, 1b) in the half-shells specially provided for this purpose, and at their top end are each sealed by a separate cylinder cover (10) with a surrounding edge. The cylinder covers (10) are fully embedded between the half-shells of the crankcase (1a, 1b) in such a way that they are sealed. The invention also relates to a method for producing said type of internal combustion engine.

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F02F 7/0058 (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US)

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