

Title (en)
TWO-PART PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
ZWEITEILIGER KOLBEN FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
PISTON EN DEUX PARTIES POUR UN MOTEUR À COMBUSTION INTERNE

Publication
EP 2162612 B1 20180808 (DE)

Application
EP 08758195 A 20080612

Priority
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Abstract (en)
[origin: US2008307958A1] A two-part piston for an internal combustion engine consists of an upper part, a lower part and a circumferential, closed cooling channel radially on the outside and close to the piston crown. The channel is closed off, on its underside, by a cooling channel cover which is connected via a skirt connection with two skirt elements that lie opposite one another. In order to reduce the piston weight and nevertheless avoid secondary movements of the piston, circumferential recesses are provided in the region of the skirt elements, which are delimited by the cooling channel cover on the piston crown side and by the skirt connections on the skirt side. The skirt connections are connected with the radially inner region of the cooling channel cover on the piston crown side, and with the upper regions of the skirt elements on the skirt side.

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CPC (source: EP KR US)
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US 7946216 B2 20110524 - SCHARP RAINER [DE], et al

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