

Title (en)
PISTON CROWN FOR AN INTERNAL COMBUSTION ENGINE

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Application
EP 82302122 A 19820426

Priority
JP 6516981 U 19810507

Abstract (en)
[origin: EP0064831A2] The invention concerns a piston crown for an i.c. engine piston of the kind having an annular support skirt which projects from an inner surface of the head wall of said crown with its free edge providing a butt surface for engaging the associated piston rod. A disadvantage with known crowns of this kind is that there is a tendency for fretting, and hence wear, to take place at the point where said butt surface engages the piston rod, and an object of the invention is to overcome this disadvantage. The invention is characterised in that the inner diameter (D1) of said annular support skirt (02a) of the crown (01) at a point adjacent the inner surface (06) of said head wall (05) is larger than the inner diameter (D1) thereof at a point where its butt surface (07) engages the head surface (3a) of said piston rod (03). If appropriate at least two annular support skirts (02a, 014) may be provided in radially juxtaposed relationship.

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IPC 8 full level
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