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(54) Title: BLOCK FOR A RECIPROCATING REFRIGERATION COMPRESSOR

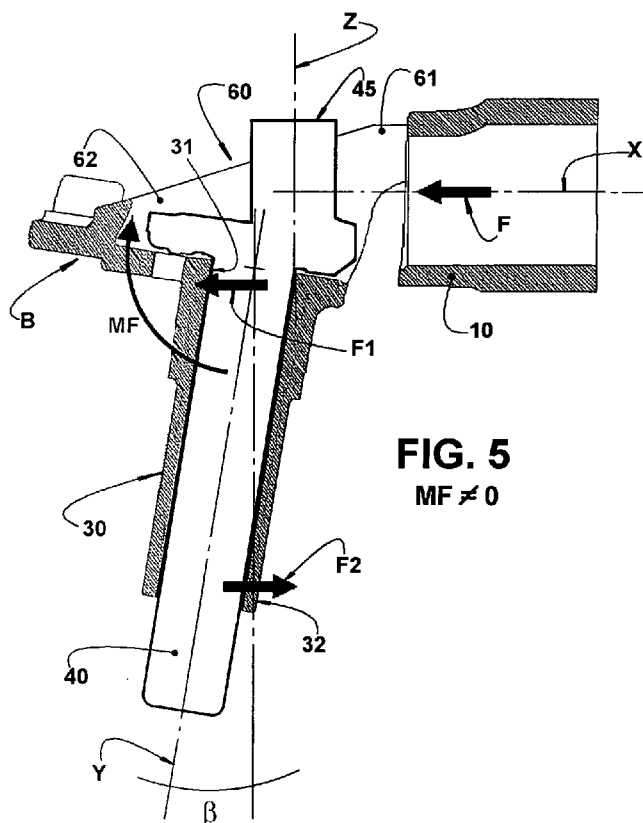


FIG. 5
 $MF \neq 0$

(57) Abstract: The block (B) comprises a piston hub (10) having a horizontal axis (X) and housing a piston (20) and a shaft hub (30) housing a crankshaft (40) and having a vertical axis (Y) intersecting the horizontal axis (X). The block (B) incorporates a connecting portion (60) having a first end (61) attached to a region of the piston hub (10) disposed on a side of the horizontal axis (X) opposite to that turned to the shaft hub (30), and a second end (62) attached to an adjacent end portion (31) of the shaft hub (30). The connecting portion (60) is elastically deformable by a resulting bending moment (MF) generated: by a first compression derived force (F1) actuating on the second end (62) of the connecting portion (60); and by a second compression derived force (F2) applied to a free end portion (32) of the shaft hub (30) and which tends to provoke an angular displacement of the vertical axis (Y) of the shaft hub (30) in the direction of the first compression derived force (F1).



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