

Title (en)
SWASH PLATE MECHANISM, ESPECIALLY FOR THE DRIVE OF A PUMP

Publication
EP 0130912 B1 19870916 (FR)

Application
EP 84401377 A 19840628

Priority
FR 8310962 A 19830701

Abstract (en)
[origin: US4584927A] A swash plate mechanism, especially for high power swash plate pumps, incorporating, inside a casing (2) bounded by two end walls (21, 22), a driving component (3) mounted so as to rotate about a longitudinal axis (30), an inclined plate (5) bearing upon the driving component (3) and mounted so as to swivel on the latter about an inclined axis (50). The two end walls (21, 22) of the casing are joined at their periphery by additional lateral tie rods (80) parallel to the central tie rod (8), bearing upon the two end walls (21, 22) of the casing (2) and subjected to a preload tension in order to carry the forces developed by the pistons (6) in co-operation with the central tie rod.

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F04B 1/14; **F01B 3/00**

IPC 8 full level
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CPC (source: EP US)
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Cited by
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