

Title (en)

MECHANISM, ENGINE OR PUMP WITH AT LEAST TWO DIFFERENT SWEPT VOLUMES

Publication

EP 0223656 B1 19900103 (FR)

Application

EP 86402276 A 19861014

Priority

FR 8515352 A 19851016

Abstract (en)

[origin: US4724742A] The invention relates to a hydraulic motor having an undulating cam and at least one large and one small selectable operating cylinder capacity. In the motor, cylinder feed orifices (41a, 42a) are distributed around the circumference of a circle about the axis of rotation (5), and the small cylinder capacity corresponds to an irregular angular distribution of active cylinder orifices (41a) which continue to be fed. This configuration makes it possible to provide a constant velocity motor with at least two different cylinder capacities and which is mechanically long-lasting.

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F03C 1/04

IPC 8 full level

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