

Title (en)

N/N +1 LOBED ROTARY FLUID PUMPS

Publication

EP 0072636 A3 19830309 (EN)

Application

EP 82303950 A 19820727

Priority

GB 8124995 A 19810815

Abstract (en)

[origin: EP0072636A2] In an N, N+1 lobe type pump, dirt clearances are provided at the bases of the interlobe roots 22 of the annulus 14 and the shaping and dimensioning of the inner rotor and annulus are such that elsewhere there is a normal running clearance at the zones of drive contact between the two rotors. To prevent the creation of excessive clearances in the positions of full mesh especially at position D, the inner rotor 10 and annulus 14 are conjugate (as defined) such that at positions B and D normal running clearances are maintained.

IPC 1-7

F04C 2/10

IPC 8 full level

F04C 2/08 (2006.01)

CPC (source: EP)

F04C 2/084 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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