

Title (en)  
Positive displacement pumps.

Title (de)  
Verdrängungspumpen.

Title (fr)  
Pompes à déplacement positif.

Publication  
**EP 0660000 A1 19950628 (EN)**

Application  
**EP 94308838 A 19941130**

Priority  
GB 9324501 A 19931130

Abstract (en)  
A pump has inner and outer lobed rotors (11,12) which define between them a series of pumping chambers. An inlet passage (18) to the pump has a restriction (19) which causes cavitation in the pump when the pump speed rises above a predetermined value. Two outlet passages (20,21) are also provided and interconnect via a non-return valve (24). The interconnection of the two outlet passages ensures that even when cavitation is caused in the pump there is no reverse flow in the outlet passages. In this way less noisy operation of the pump may be achieved. <IMAGE>

IPC 1-7  
**F04C 15/04**; **F04C 15/00**

IPC 8 full level  
**F04C 14/24** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)  
**F04C 14/24** (2013.01); **F04C 15/0049** (2013.01)

Citation (search report)  
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