

Title (en)  
Internal gear hydraulic machine

Title (de)  
Hydraulische Maschine in Zahnring-Bauweise

Title (fr)  
Machine hydraulique à engrenages internes

Publication  
**EP 1213480 A3 20041208 (DE)**

Application  
**EP 01125325 A 19970729**

Priority  
• DE 19630975 A 19960731  
• DE 19631910 A 19960807  
• EP 97112992 A 19970729

Abstract (en)  
[origin: EP1213480A2] The hydraulic machine has a casing (2) containing a rotor (5) round which is a ring (7) with internal teeth (8) engaged with rotor teeth (6), forming working chambers between the teeth. It includes two pressure control devices (54, 54.1, 54.2, 54.3, 54.4, 54.A) which are connected in parallel and which control different pressure differences.

IPC 1-7  
**F04C 15/00**; **F04C 2/10**; **F04C 2/08**

IPC 8 full level  
**F04C 2/10** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)  
**F04C 2/103** (2013.01); **F04C 15/0026** (2013.01); **F04C 15/0042** (2013.01)

Citation (search report)  
• [DYA] DE 4202466 A1 19930805 - VOULGARIS ANDRES [DE]  
• [Y] US 3724975 A 19730403 - BSCHORER K  
• [A] GB 1081711 A 19670831 - BOSCH GMBH ROBERT  
• [A] GB 516790 A 19400111 - JAMES CECIL IRVING MCCONNEL

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1213480 A2 20020612**; **EP 1213480 A3 20041208**; SI 0822333 T1 20030430

DOCDB simple family (application)  
**EP 01125325 A 19970729**; SI 9730434 T 19970729