

Title (en)
Gear pump

Title (de)
Zahnradpumpe zur Förderung von fluiden Medien

Title (fr)
Pompe à engrenages

Publication
EP 0753665 A1 19970115 (DE)

Application
EP 95114623 A 19950918

Priority
EP 95114623 A 19950918

Abstract (en)
The pump has collar-like sections (21,26,31,36) provided on the suction side and/or on the pressure and conveyance side by means of which the pump can be welded gas-tight with other components. An assembly (13) is provided in or on the pump housing to heat the pump and the fluid passes through this assembly. The pump has a partially double-walled housing (1) for forming the interspace (13) through which the fluid passes. One or more connecting openings (16) with the interspace are provided in the welding section areas so that the heating medium can be supplied and discharged.

Abstract (de)
Eine Zahnradpumpe zur Förderung von fluiden Medien, wie insbesondere viskosen Medien, weist saugseitig und/oder förder- bzw. druckseitig rohr- oder kragenartige Abschnitte (21, 26, 31, 36) auf, um die Pumpe schweisssbar mit weiteren Anlagekomponenten zu verbinden. <IMAGE>

IPC 1-7
F04C 13/00; **F04C 15/00**

IPC 8 full level
F04C 2/18 (2006.01); **F04C 13/00** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP KR US)
F04C 13/001 (2013.01 - EP US); **F04C 15/0096** (2013.01 - EP US); **F04C 18/08** (2013.01 - KR); **Y10T 29/49242** (2015.01 - EP US)

Citation (applicant)
• DE 1941673 A1 19710218 - BARMAG BARMER MASCHF
• DE 2436222 A1 19750227 - MAAG ZAHNRAEDER & MASCHINEN AG

Citation (search report)
• [DA] DE 2436222 A1 19750227 - MAAG ZAHNRAEDER & MASCHINEN AG
• [DA] DE 1941673 A1 19710218 - BARMAG BARMER MASCHF
• [A] DE 753585 C 19530504 - IG FARBENINDUSTRIE AG

Cited by
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CH DE FR GB IT LI

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