

Title (en)  
Gear pump

Title (de)  
Zahnradpumpe

Title (fr)  
Pompe à engrenages

Publication  
**EP 0972941 A3 20010808 (EN)**

Application  
**EP 99113792 A 19990714**

Priority  
IT MO980158 A 19980715

Abstract (en)  
[origin: EP0972941A2] The gear hydraulic means (2) includes a housing (12, 20) containing a first and a second cogwheel (4, 6) engaging for interacting with a hydraulic fluid, each wheel (4, 6) being joint to a respective shaft (8, 10) having the ends rotationally supported to said housing (12, 20), and hydraulic sealing means (42, 60) firmly coupled to respective support means (34, 46, 58); a method for producing gear hydraulic means (2) is furthermore provided, including providing a housing (12, 20) suitable to house a first and a second cogwheel (4, 6) engaging for interacting with a hydraulic fluid, providing furthermore a shaft firmly coupled to each wheel and having the ends rotationally supported to said housing (12, 20), and firmly coupling hydraulic sealing means (42, 60) to respective support means (34, 46, 58). <IMAGE>

IPC 1-7  
**F04C 2/18**; F04C 15/00

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

CPC (source: EP)  
**F04C 15/0026** (2013.01)

Citation (search report)

- [X] US 3213800 A 19651026 - MCALVAY JOHN C, et al
- [X] US 3363578 A 19680116 - SISSON RONALD L
- [X] US 3413927 A 19681203 - SISSON RONALD L, et al
- [X] US 3174435 A 19650323 - SISSON RONALD L, et al
- [X] US 3213799 A 19651026 - TRICK ROBERT E

Cited by  
DE102011121843A1

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**EP 0972941 A2 20000119**; **EP 0972941 A3 20010808**; IT 1309787 B1 20020130; IT MO980158 A1 20000115

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