

Title (en)  
GEAR PUMP

Title (de)  
GETRIEBEPUMPE

Title (fr)  
POMPE À ENGRENAGES

Publication  
**EP 3904687 B1 20221026 (EN)**

Application  
**EP 20171681 A 20200428**

Priority  
EP 20171681 A 20200428

Abstract (en)  
[origin: EP3904687A1] A gear pump comprising a housing (1) with a spur-toothed drive gear (4) and a spur-toothed idle gear (5) that are mounted rotatably around two parallel rotation axes within the housing (1) with bushings (8), a connecting flange (2) that is arranged on a first lateral side of the housing (1) in the direction of the axes, a cover (3) that is arranged on a second lateral side of the housing (1), opposite the connecting flange (2), a drive shaft (7) being rotatably mounted in the connecting flange (2) by at least one bearing (80) and being sealed against the connecting flange (2) by at least one shaft seal (9), wherein the drive shaft (7) being operatively connected to the drive gear (4) by a coupling piece (6), wherein the drive gear (4) and the idler gear (5) are identical.

IPC 8 full level  
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CPC (source: EP)  
**F04C 2/18** (2013.01); **F04C 15/0073** (2013.01); **F04C 15/0088** (2013.01)

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US 5391068 A 19950221 - UPPAL SOHAN L [US]

Cited by  
WO2023215168A1; USD1017382S

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