

Title (en)  
ECCENTRIC SCREW PUMP

Title (de)  
EXZENTERSCHNECKENPUMPE

Title (fr)  
POMPE À VIS EXCENTRÉE

Publication  
**EP 3538767 B1 20230809 (DE)**

Application  
**EP 17804474 A 20171109**

Priority  
• DE 102016121582 A 20161110  
• EP 2017078800 W 20171109

Abstract (en)  
[origin: WO2018087248A1] What is concerned is an eccentric screw pump having at least one stator (1), a rotor (2) rotating in the stator, a drive (3) for the rotor, a pump housing (4) which is connected to the stator (1) and has at least one inlet opening (6) for the medium to be conveyed, a connection housing (14) arranged between the pump housing (4) and drive (3), a connection shaft (9) which is connected to the drive (3) and is arranged at least in certain regions in the connection housing (14), and a coupling rod (10) which is arranged in the pump housing (4) and is connected to the connection shaft (9) via a drive-side joint (11) and to the rotor (2) via a rotor-side joint (12). The drive-side housing connection piece (16) can be demounted in such a way that the drive-side joint (11) can be exposed for maintenance or demounting.

IPC 8 full level  
**F04C 2/107** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)  
**F04C 2/1073** (2013.01 - EP US); **F04C 15/0061** (2013.01 - EP US); **F04C 11/006** (2013.01 - US); **F04C 2230/60** (2013.01 - EP US); **F04C 2230/80** (2013.01 - EP US); **F04C 2230/85** (2013.01 - EP US); **F04C 2240/30** (2013.01 - EP US)

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