

Title (en)  
DRIVE DEVICE FOR A HIGH-PRESSURE CLEANING APPARATUS

Title (de)  
ANTRIEBSVORRICHTUNG FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)  
DISPOSITIF D'ENTRAÎNEMENT D'APPAREIL DE NETTOYAGE À HAUTE PRESSION

Publication  
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Application  
**EP 22702705 A 20220128**

Priority

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Abstract (en)  
[origin: WO2022179798A1] The invention relates to a drive device (10) for a high-pressure cleaning apparatus, comprising a motor (12), the motor shaft (14) of which is rotatably mounted to a motor flange (18) and coupled to a swash plate arrangement (22) via a planetary gear set (20), wherein the planetary gear set (20) has a sun gear (36) connected in a rotationally fixed manner to the motor shaft (14), which sun gear meshes with planetary gears (38, 40) which are mounted so as to be able to rotate on a planet carrier (46) and engage with an internally toothed hollow gear (34), and wherein the swash plate arrangement (22) is positioned in an oil housing (52). In order to further develop the drive device (10) in such a manner that it has a longer service life and allows a greater selection of materials during production, it is proposed according to the invention that the motor flange (18) and the oil housing (52) are separate components, wherein the motor flange (18) comprises the hollow gear (34) and the oil housing (52) is fixed to the motor flange (18), the motor flange (18) forming a centering for the oil housing (52).

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