

Title (en)

DRIVE DEVICE FOR HIGH-PRESSURE CLEANING UNIT

Title (de)

ANTRIEBSVORRICHTUNG FÜR HOCHDRUCKREINIGUNGSGERÄT

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR APPAREIL DE NETTOYAGE À HAUTE PRESSION

Publication

EP 2244844 A2 20101103 (DE)

Application

EP 08866868 A 20081217

Priority

- EP 2008010761 W 20081217
- DE 102007063541 A 20071221

Abstract (en)

[origin: WO2009083154A2] The invention relates to a drive device for a high-pressure cleaning unit having a motor, the motor shaft of which is coupled via a planetary gear to a swash plate, wherein the planetary gear has a stationery solar gear connected to the motor shaft, which solar gear meshes with planetary wheels which are mounted so as to be able to rotate on a planetary bearing and engage with an internally toothed hollow wheel and with their end side facing away from the planetary bearing lie against a support element so as to be able to slide. In order to construct the drive device in such a manner that it has an improved service life, it is proposed according to the invention that the support element takes up a wear-inhibiting bearing region for the planetary wheels. Alternatively, or supplementary thereto, it is proposed that the swash plate is supported by a bearing plate which dips into a receptacle which supports the bearing plate in an axial and radial direction.

IPC 8 full level

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Citation (search report)

See references of WO 2009083154A2

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