

Title (en)

DRIVE ARRANGEMENT FOR A HEAT EXCHANGER CLEANING DEVICE

Title (de)

ANTRIEBSVORRICHTUNG FÜR EINE REINIGUNGSVORRICHTUNG FÜR EINEN WÄRMETAUSCHER

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR UN DISPOSITIF DE NETTOYAGE POUR UN ÉCHANGEUR THERMIQUE

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Application

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Abstract (en)

[origin: WO2019214850A1] The invention relates to a drive apparatus for a cleaning apparatus (10) for a cylinder tube of a heat exchanger (13, 212). The drive apparatus has a lead screw (3), which is designed to be arranged in the cylinder tube in an axial direction (100) coaxially to the cylinder tube of the heat exchanger (13) and to move a cleaning element (12) in the cylinder tube in the axial direction (100) by means of rotation. The drive apparatus also comprises a coupling element (30, 210) having a first rotor (32) and a second rotor (34) coupled to the first rotor (32), wherein the first rotor (32) can be connected to the lead screw (3) in a mechanically rigid manner and to the cylinder tube in a fluid-tight and/or pressure-tight manner, and wherein the second rotor (34) can be mechanically connected to a drive element (208), such that the lead screw is rotatable by the drive element (208) via the second rotor and the first rotor. The invention also relates to a cleaning apparatus (10) and a heat exchanger (13).

IPC 8 full level

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