

Title (en)

BIOREACTOR, END PLATE FOR A BIOREACTOR AND DATA COMMUNICATION UNIT FOR AN END PLATE

Title (de)

BIOREAKTOR, KOPFPLATTE FÜR EINEN BIOREAKTOR UND DATENÜBERTRAGUNGSEINHEIT FÜR EINE KOPFPLATTE

Title (fr)

BIORÉACTEUR, PLAQUE D'EXTRÉMITÉ POUR UN BIORÉACTEUR ET UNITÉ DE COMMUNICATION DE DONNÉES POUR UNE PLAQUE D'EXTRÉMITÉ

Publication

**EP 4077630 A1 20221026 (DE)**

Application

**EP 20820945 A 20201210**

Priority

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Abstract (en)

[origin: WO2021122334A1] The invention relates to a bioreactor (1) having a container (13), an end plate (11), an agitator, a drive unit (15) and at least one field device (50, 50a, 50b), arranged in the interior (14), with field device electronics and a data communication unit arranged on the end plate (11), having a motor head piece (40), which can be signal-connected to an evaluating unit and is coupled to the drive unit (15) for energy transfer, comprising motor head electronics, and at least one communication unit signal-connected to the motor head piece (40), comprising: an adapter piece (20, 20a, 20b) with adapter electronics, which are electrically connected to the field device electronics of the field device (50, 50a, 50b), wherein the adapter electronics and/or the communicator electronics comprise a signal converter, and a communicator piece (20, 20a, 20b) with communicator electronics, which are electrically connected to the adapter electronics and the motor head electronics, wherein the adapter piece (20, 20a, 20b) and the communicator piece (20, 20a, 20b) are designed as separate components which can be coupled together, wherein the motor head piece (40) is designed as a separate component which can be coupled to the communication units.

IPC 8 full level

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