

Title (en)

MEDICAL INSTRUMENT SYSTEM COMPRISING A SURGICAL TOOL

Title (de)

MEDIZINISCHES INSTRUMENTENSYSTEM MIT CHIRURGISCHEM WERKZEUG

Title (fr)

SYSTÈME D'INSTRUMENTATION MÉDICALE COMPRENANT UN OUTIL CHIRURGICAL

Publication

**EP 4216835 A1 20230802 (DE)**

Application

**EP 20776140 A 20200922**

Priority

EP 2020076406 W 20200922

Abstract (en)

[origin: WO2022063390A1] The invention relates to a medical instrument system (1) comprising: a handpiece (7), which has a housing (7a) in which a drive (8) and/or a gearing mechanism is accommodated and which preferably has a housing part (7b) which is or can be attached thereto; and a surgical tool (2), in particular a surgical milling or drilling tool, which is supported on the housing (7a) and/or the housing part (7b) by a plurality of rotary bearings (9, 10) and which is or can be coupled for conjoint rotation and in an axially fixed manner, preferably via a torque-transmission cable (8a), to the drive (8) and/or gearing mechanism so as to transmit a torque from the drive (8) and/or gearing mechanism to the tool (2); wherein at least a first (9) of the rotary bearings (9, 10) in the region of a distal end portion of the tool (2) is connected to the tool (2) to form a unit, and at least a second (10) of the rotary bearings (9, 10) is accommodated in the housing (7a) or the housing part (7b), proximally to at least one first rotary bearing (9), so as to be stationary.

IPC 8 full level

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CPC (source: EP US)

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