

Title (en)  
INTEGRATED RFID TAG IN A MANUAL INSTRUMENT

Title (de)  
INTEGRIERTER RFID-TAG IN EINEM HANDINSTRUMENT

Title (fr)  
ÉTIQUETTE RFID INTÉGRÉE DANS UN INSTRUMENT À MAIN

Publication  
**EP 4312868 A1 20240207 (DE)**

Application  
**EP 22719210 A 20220323**

Priority  
• DE 102021107440 A 20210324  
• EP 2022057650 W 20220323

Abstract (en)  
[origin: WO2022200441A1] The present invention relates to a medical manual instrument (1), which has an instrument body that comprises at least one effector portion (2), at least one gripping portion (3) and an RFID tag (4), which tag is preferably housed in the form of a glass/ceramic tag in the instrument body in accordance with the recessed principle, wherein a cut-out (5) or an open section (6) is formed in the instrument body in a region which is substantially force-free when actuating the manual instrument (1) in an operation, in which cut-out or open section a separate recessed tag holder (7) is housed, which holder fills the cut-out (5) or the open section (6) so as to be adapted to the shape of the manual instrument (1). The present invention also relates to a system having a medical manual instrument (1) and having a reader (15) that can be coupled to the RFID tag (4) for signal transmission.

IPC 8 full level  
**A61B 90/98** (2016.01); **A61B 17/28** (2006.01); **A61B 17/3201** (2006.01); **A61B 18/14** (2006.01)

CPC (source: EP US)  
**A61B 17/28** (2013.01 - EP); **A61B 17/2841** (2013.01 - EP US); **A61B 17/3201** (2013.01 - US); **A61B 90/98** (2016.02 - EP US); **A61B 17/3201** (2013.01 - EP); **A61B 2017/00438** (2013.01 - US); **A61B 2017/00477** (2013.01 - US); **A61B 2017/00526** (2013.01 - US); **A61B 2018/146** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021107440 A1 20220929**; BR 112023019507 A2 20231031; CN 117119992 A 20231124; EP 4312868 A1 20240207; JP 2024511148 A 20240312; US 2024164866 A1 20240523; WO 2022200441 A1 20220929

DOCDB simple family (application)  
**DE 102021107440 A 20210324**; BR 112023019507 A 20220323; CN 202280024093 A 20220323; EP 2022057650 W 20220323; EP 22719210 A 20220323; JP 2023558654 A 20220323; US 202218283549 A 20220323