

Title (en)
MEDICAL BENDING SYSTEM

Title (de)
MEDIZINTECHNISCHES BIEGESYSTEM

Title (fr)
SYSTÈME DE CINTRAGE TECHNIQUE MÉDICAL

Publication
EP 3962386 A1 20220309 (DE)

Application
EP 20723318 A 20200428

Priority
• DE 102019111177 A 20190430
• EP 2020061675 W 20200428

Abstract (en)
[origin: WO2020221710A1] The invention relates to a medical bending system for bending an object to be bent (14), in particular a rod (18), the system comprising at least one object to be bent (14); a bending device (12), by means of which the object to be bent (14) can be bent; and a navigation means (16) with a detection unit (78) and a data processing unit (76). The object to be bent (14) and the bending device (12) comprise markings (22, 40, 42, 62, 64, 72) arranged or formed on the respective surfaces (24, 44) thereof, which markings can be detected optically by the detection unit (78), the data processing unit (76) being designed to determine at least one bending parameter during the bending process on the basis of information from the detection unit (78) relating to the detected markings.

IPC 8 full level
A61B 17/88 (2006.01); **A61B 34/20** (2016.01)

CPC (source: EP US)
A61B 17/8863 (2013.01 - EP); **A61B 34/20** (2016.02 - EP US); **A61B 90/08** (2016.02 - US); **A61B 90/39** (2016.02 - US);
B21D 7/12 (2013.01 - US); **B21D 7/14** (2013.01 - US); **A61B 2034/2048** (2016.02 - EP); **A61B 2034/2055** (2016.02 - US);
A61B 2034/2057 (2016.02 - EP); **A61B 2034/2065** (2016.02 - EP); **A61B 2034/2068** (2016.02 - US); **A61B 2090/3937** (2016.02 - EP US)

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

DOCDB simple family (publication)
DE 102019111177 A1 20201105; EP 3962386 A1 20220309; JP 2022530399 A 20220629; US 2022047336 A1 20220217;
WO 2020221710 A1 20201105

DOCDB simple family (application)
DE 102019111177 A 20190430; EP 2020061675 W 20200428; EP 20723318 A 20200428; JP 2021562901 A 20200428;
US 202117512107 A 20211027