

Title (en)
MECHANICAL CARDIO PULMONARY RESUSCITATION MACHINE

Title (de)
MECHANISCHE HERZ-LUNGEN-WIEDERBELEBUNGSMASCHINE

Title (fr)
MACHINE DE RÉANIMATION CARDIOPULMONAIRE MÉCANIQUE

Publication
EP 3758665 B1 20230726 (EN)

Application
EP 19761531 A 20190226

Priority
• US 201862636772 P 20180228
• US 2019019534 W 20190226

Abstract (en)
[origin: WO2019168825A1] An exemplary embodiment of a mechanical cardiopulmonary resuscitation ("CPR") device can include a piston, a driver coupled to the piston configured to extend and retract the piston and a controller. The controller can be configured to cause the driver during a session to at least position the piston at a reference position, extend the piston from the reference position to a compression position to compress a chest of a patient, return the piston from the compression position to the reference position, retract the piston from the reference position to a retreat position, the retreat position including the piston at a distance away from the reference position whereby the patient's chest can expand without active decompression of the patient's chest, the piston retracted to the retreat position at least once before the end of the session, and return the piston from the retreat position to the reference position.

IPC 8 full level
A61H 31/00 (2006.01)

CPC (source: EP)
A61H 31/00 (2013.01); **A61H 31/006** (2013.01); **A61H 2011/005** (2013.01); **A61H 2031/001** (2013.01); **A61H 2201/013** (2013.01); **A61H 2201/1207** (2013.01); **A61H 2201/1246** (2013.01); **A61H 2201/1619** (2013.01); **A61H 2201/1621** (2013.01); **A61H 2201/5007** (2013.01); **A61H 2201/5023** (2013.01); **A61H 2201/5046** (2013.01); **A61H 2201/5071** (2013.01); **A61H 2201/5097** (2013.01); **A61H 2205/084** (2013.01); **A61H 2230/065** (2013.01); **A61H 2230/206** (2013.01); **A61H 2230/208** (2013.01); **A61H 2230/305** (2013.01); **A61H 2230/505** (2013.01); **A61H 2230/825** (2013.01)

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

DOCDB simple family (publication)
WO 2019168825 A1 20190906; EP 3758665 A1 20210106; EP 3758665 A4 20211124; EP 3758665 B1 20230726

DOCDB simple family (application)
US 2019019534 W 20190226; EP 19761531 A 20190226