

Title (en)
IMPROVED HEIGHT-ADJUSTABLE BENCH

Title (de)
BANQUETA DE ALTURA REGULABLE PERFECCIONADA

Title (fr)
TABOURET À HAUTEUR RÉGLABLE PERFECTIONNÉ

Publication
EP 3865008 B1 20230830 (EN)

Application
EP 19813066 A 20191004

Priority
• ES 201830974 A 20181008
• ES 2019070668 W 20191004

Abstract (en)
[origin: EP3865008A1] The invention relates to an improved height-adjustable bench, comprising a seat with an adjustable useful height, and furthermore, two spindles mechanically linked to corresponding scissor lift mechanisms, a geared motor and two connecting rods each mechanically linked to each of the spindles, and being fastened and articulated on the platen for fastening the scissor lift to the bench itself; the scissor lift mechanisms being arranged such that they provide the capacity to adjust the useful height of the seat of the bench, and each of the spindles being mechanically linked to the geared motor, receiving a concentric rotating movement with the axial shaft thereof; the rotating movement of the spindles causing a linear movement of the connecting rods in relation to the spindles, and the same rotating movement of the spindle causes a vertical displacement which is transmitted to the scissor lift mechanism and from said mechanism to the seat.

IPC 8 full level
A47C 3/20 (2006.01); **A47C 9/08** (2006.01)

CPC (source: EP ES)
A47C 3/20 (2013.01 - EP ES); **A47C 9/08** (2013.01 - EP ES)

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)
EP 3865008 A1 20210818; EP 3865008 B1 20230830; EP 3865008 C0 20230830; CN 215456691 U 20220111; ES 2753591 A1 20200413; ES 2958837 T3 20240215; WO 2020074761 A1 20200416

DOCDB simple family (application)
EP 19813066 A 20191004; CN 201990001067 U 20191004; ES 19813066 T 20191004; ES 201830974 A 20181008; ES 2019070668 W 20191004