

Title (en)
HEIGHT-ADJUSTABLE UPRIGHT TUBE-CAGE UNIT

Title (de)
HÖHENVERSTELLBARE AUFRECHTE ROHRKÄFIGEINHEIT

Title (fr)
UNITÉ DE CAGE À TUBE VERTICAL RÉGLABLE EN HAUTEUR

Publication
EP 3732334 B1 20220202 (EN)

Application
EP 18840078 A 20181228

Priority
• DE 102017131401 A 20171228
• IB 2018060688 W 20181228

Abstract (en)
[origin: WO2019130260A1] A height-adjustable upright tube-cage unit (20) comprising a telescopic cage (21) which comprises an inner cage (1) and an outer cage (2), and a telescopic upright tube (22) which comprises an inner upright tube (3) and an outer upright tube (4) and is accommodated in the cage (21), wherein the elements inner cage (1), outer cage (2), inner upright tube (3), and outer upright tube (4) can be connected to each other via a shared, telescopic scaffolding (5), wherein the scaffolding (5) is adjustable between a first detent position, in which the inner cage (1) is latched with the outer cage (2) and the inner upright tube (3) is latched with the outer upright tube (4), wherein the upright tube (22) is longitudinally displaceable within the cage (21), and a second detent position, in which an upper cage part is latched with an upper upright tube part, and a lower cage part is latched with a lower upright tube part.

IPC 8 full level
E03D 1/14 (2006.01); **E03D 1/34** (2006.01)

CPC (source: EP US)
E03D 1/14 (2013.01 - EP); **E03D 1/142** (2013.01 - US); **E03D 1/34** (2013.01 - EP US); **E03D 2201/30** (2013.01 - 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

DOCDB simple family (publication)
DE 102017131401 A1 20190704; CN 111542666 A 20200814; CN 111542666 B 20210413; EP 3732334 A1 20201104;
EP 3732334 B1 20220202; US 2021062486 A1 20210304; WO 2019130260 A1 20190704

DOCDB simple family (application)
DE 102017131401 A 20171228; CN 201880083943 A 20181228; EP 18840078 A 20181228; IB 2018060688 W 20181228;
US 201816958673 A 20181228