

Title (en)

MOUNTING DEVICE FOR CARRYING OUT ASSEMBLY STEPS ON A WALL AND METHOD FOR ARRANGING A MAGAZINE COMPONENT ON A MOUNTING DEVICE

Title (de)

MONTAGEVORRICHTUNG ZUR DURCHFÜHRUNG VON MONTAGESCHRITTEN AN EINER WAND UND VERFAHREN ZUM ANORDNEN EINER MAGAZINKOMPONENTE AN EINER MONTAGEVORRICHTUNG

Title (fr)

DISPOSITIF DE MONTAGE PERMETTANT D'EFFECTUER DES ÉTAPES DE MONTAGE SUR UN MUR ET PROCÉDÉ D'AGENCEMENT D'UN COMPOSANT DE MAGASIN SUR UN DISPOSITIF DE MONTAGE

Publication

EP 4103504 B1 20240103 (DE)

Application

EP 21701814 A 20210201

Priority

- EP 20156561 A 20200211
- EP 2021052238 W 20210201

Abstract (en)

[origin: WO2021160447A1] The invention relates to an assembly apparatus for implementing assembly steps on a wall and to a method for arranging a magazine component on a magazine-receiving apparatus of an assembly apparatus. The assembly apparatus has a mobile assembly frame (14), a mechatronic installation component, a magazine-receiving apparatus (10), a magazine component (18a, 18b, 18c) and a securing device (42). The magazine-receiving apparatus (10) is intended to receive the magazine component (18a, 18b, 18c) with assembly means received therein. The securing device (42) is designed, and arranged, in such a manner that, in a securing state, it establishes a connection between the magazine component (18a, 18b, 18c) and the assembly frame (14) and thereby secures the magazine component (18a, 18b, 18c), once received in the magazine-receiving apparatus (10), against displacement in relation to the assembly frame (14). The magazine component (18a, 18b, 18c) has a first coupling element and the securing device (42) has a second coupling element. The first coupling element and the second coupling element are designed, and arranged, in such a manner that, by means of the two coupling elements, the securing device (42) can be coupled in a releasable manner to the magazine component (18a, 18b, 18c).

IPC 8 full level

B66B 19/00 (2006.01)

CPC (source: EP US)

B66B 19/00 (2013.01 - EP); **B66B 19/002** (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)

WO 2021160447 A1 20210819; AU 2021220916 A1 20220901; CN 115066386 A 20220916; EP 4103504 A1 20221221; EP 4103504 B1 20240103; US 11767196 B2 20230926; US 2023041465 A1 20230209

DOCDB simple family (application)

EP 2021052238 W 20210201; AU 2021220916 A 20210201; CN 202180013889 A 20210201; EP 21701814 A 20210201; US 202117760111 A 20210201