

Title (en)

APPARATUS FOR HOLDING AN OVERHEAD CONDUCTOR RAIL, AND ARRANGEMENT COMPRISING A BOOM SYSTEM COMPRISING AT LEAST TWO APPARATUSES FOR HOLDING AN OVERHEAD CONDUCTOR RAIL AND AN OVERHEAD CONDUCTOR RAIL

Title (de)

VORRICHTUNG ZUR HALTERUNG EINER DECKENSTROMSCHIENE UND ANORDNUNG UMFASSEND EIN AUSLEGERSYSTEM AUS ZUMINDEST ZWEI VORRICHTUNGEN ZUR HALTERUNG EINER DECKENSTROMSCHIENE UND EINE DECKENSTROMSCHIENE

Title (fr)

DISPOSITIF DE FIXATION D'UN RAIL AÉRIEN DE CONTACT ET ENSEMBLE COMPRENANT UN SYSTÈME DE BRAS ORIENTABLE COMPOSÉ D'AU MOINS DEUX DISPOSITIFS DESTINÉS À FIXER UN RAIL AÉRIEN DE CONTACT ET RAIL AÉRIEN DE CONTACT

Publication

**EP 4347309 A1 20240410 (DE)**

Application

**EP 22741367 A 20220523**

Priority

- DE 102021113375 A 20210523
- IB 2022054798 W 20220523

Abstract (en)

[origin: WO2022249026A1] An apparatus for holding an overhead conductor rail (10) which is used to supply electrical energy to a rail vehicle, wherein the apparatus has a boom arm (1, 1', 1'', 1''') and a holding apparatus (7, 7', 7'', 7''') for securing the boom arm (1, 1', 1'', 1''') to a substrate; wherein the boom arm (1, 1', 1'', 1''') has at least two boom limbs (2,2a', 2b', 2'', 2''', 3, 3a', 3b', 3'', 3a''', 3b'''), wherein the overhead conductor rail (10) is held pivotably on a first of the boom limbs (3, 3a', 3b', 3'', 3a''', 3b'''), and wherein a holding apparatus (7, 7', 7'', 7''') is held pivotably on a second of the boom limbs (2,2a', 2b', 2'', 2'''); and wherein the two boom limbs (2,2a', 2b', 2'', 2''', 3, 3a', 3b', 3'', 3a''', 3b''') are connected to one another via a hinge (5, 5', 5'', 5'''); and an arrangement comprising at least one boom system having at least two apparatuses according to one of the preceding claims and an overhead conductor rail (10) for supplying energy to a rail vehicle.

IPC 8 full level

**B60M 1/12** (2006.01); **B60M 1/30** (2006.01)

CPC (source: EP KR)

**B60M 1/12** (2013.01 - EP KR); **B60M 1/307** (2013.01 - EP KR); **B60Y 2200/30** (2013.01 - KR)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102021113375 A1 20221124**; AU 2022282642 A1 20231116; CN 117377587 A 20240109; EP 4347309 A1 20240410; KR 20240011704 A 20240126; WO 2022249026 A1 20221201

DOCDB simple family (application)

**DE 102021113375 A 20210523**; AU 2022282642 A 20220523; CN 202280037363 A 20220523; EP 22741367 A 20220523; IB 2022054798 W 20220523; KR 20237039967 A 20220523