

Title (en)

DEVICE FOR DETACHABLY FASTENING AT LEAST ONE RAILING ARRANGEMENT TO A SCAFFOLDING ELEMENT

Title (de)

VORRICHTUNG ZUM LÖSBAREN BEFESTIGEN WENIGSTENS EINER GELÄNDEREINRICHTUNG AN EINEM GERÜSTELEMENT

Title (fr)

DISPOSITIF DE FIXATION AMOVIBLE D'AU MOINS UN SYSTÈME GARDE-CORPS À UN ÉLÉMENT D'ÉCHAFAUDAGE

Publication

EP 4010545 A1 20220615 (DE)

Application

EP 20799982 A 20201009

Priority

- DE 102019133939 A 20191211
- DE 2020100879 W 20201009

Abstract (en)

[origin: WO2021115519A1] The invention relates to a device (10) for detachably fastening a railing arrangement to a scaffolding element (12). It comprises a connection head (28) and a wedge (16). The connection head (28) has a first head part (26.1) and a second head part (26.2), which have wedge openings for the wedge (16). Between the first head part (26.1) and the second head part (26.2), a slot (52) is formed that is open towards the support side (23) and towards side wall part outer faces (46.1, 46.2; 46.3, 46.4) of side wall parts of the connection head (28). The slot (52) is delimited towards the first head part (26.1) with first slot faces of the head part (26.1) and is delimited towards the second head part (26.2) with second slot faces of the second head part (26.2), which extend on both sides of a fitting slot central plane of the fitting slot (52). The side wall part outer faces (46.1, 46.2, 46.3, 46.4) run in a wedge shape to a centre axis and enclose a wedge angle. A railing fastening device (62) is permanently fastened to a rear wall part of the connection head (28). The railing fastening device (62) contains a railing fastening tab (15), which has a through hole (63) which is rectangular or designed as an elongate hole extending along its longitudinal axis. The longitudinal axis extends perpendicular to the fitting slot central plane (55) and parallel to the centre axis.

IPC 8 full level

E04G 5/14 (2006.01); **E04G 5/16** (2006.01); **E04G 7/30** (2006.01); **E04G 7/32** (2006.01)

CPC (source: EP)

E04G 5/14 (2013.01); **E04G 5/16** (2013.01); **E04G 7/307** (2013.01); **E04G 7/32** (2013.01)

Citation (search report)

See references of WO 2021115519A1

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

DOCDB simple family (publication)

DE 102019133939 A1 20210617; DE 112020003955 A5 20220505; EP 4010545 A1 20220615; EP 4010545 B1 20230125; WO 2021115519 A1 20210617

DOCDB simple family (application)

DE 102019133939 A 20191211; DE 112020003955 T 20201009; DE 2020100879 W 20201009; EP 20799982 A 20201009