

Title (en)
CLAMPING MECHANISM FOR SCAFFOLD SYSTEMS

Title (de)
SPANNVORRICHTUNG FÜR GERÜSTSYSTEME

Title (fr)
MÉCANISME DE FIXATION POUR SYSTÈMES D'ÉCHAFAUDAGES

Publication
EP 3779096 A1 20210217 (EN)

Application
EP 19726477 A 20190402

Priority
• PT 11066118 A 20180404
• IB 2019052689 W 20190402

Abstract (en)
The present invention relates to a clamping mechanism for scaffolds, basically consisting of a set comprised of a clamp (1) and a prop (2) suitable for use in scaffold systems mounted with modular elements. The prop (2) has at least one corner (8). The clamp (1) is comprised of a fixed sector (3) and a movable sector (4) having three toothed ends (5), for closing the clamp completely, by fitting the locking pin (7), furthermore presenting in its inner face a protrusion (6) which engages a corner (8) of the prop (2), thus securing the structures to which they are applied.

IPC 8 full level
E04G 7/26 (2006.01); **E04G 5/16** (2006.01); **E04G 7/22** (2006.01); **E04G 25/00** (2006.01); **E04G 25/02** (2006.01); **E04G 25/06** (2006.01)

CPC (source: EP PT)
E04G 1/15 (2013.01 - PT); **E04G 5/04** (2013.01 - PT); **E04G 5/16** (2013.01 - EP); **E04G 7/22** (2013.01 - EP); **E04G 7/28** (2013.01 - PT); **E04G 25/06** (2013.01 - EP); **E04G 7/26** (2013.01 - EP); **E04G 2025/006** (2013.01 - EP)

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)
EP 3779096 A1 20210217; **EP 3779096 B1 20240807**; CA 3095133 A1 20191010; PT 110661 A1 20221226; PT 110661 A 20191004; PT 110661 B 20230328; WO 2019193495 A1 20191010

DOCDB simple family (application)
EP 19726477 A 20190402; CA 3095133 A 20190402; IB 2019052689 W 20190402; PT 11066118 A 20180404