

Title (en)
UNIVERSAL GROUND ENGAGING SOCKET

Title (de)
UNIVERSELLE BODENEINGRIFFSBUCHSE

Title (fr)
PRISE UNIVERSELLE DE CONTACT AVEC LE SOL

Publication
EP 4368779 A1 20240515 (EN)

Application
EP 22206784 A 20221110

Priority
EP 22206784 A 20221110

Abstract (en)
A ground engaging socket (100) for supporting and securing a post, comprising a socket body (10) for receiving a post, the socket body having a receiving surface (11) at the proximal end (21); a wedge clamping system (30) with an actuating means (32); and at least one aperture (15) on the receiving surface (11) to access the actuating means (32) whereby actuation of the wedge clamping system (30) changes the relative position of part of the wedge clamping system (30) to the socket body (10) thus enabling the socket (100) to support and engage a variety of post shapes and sizes.

IPC 8 full level
E01F 9/685 (2016.01); **E04H 12/22** (2006.01)

CPC (source: EP)
E01F 9/685 (2016.02); **E04H 12/2269** (2013.01)

Citation (applicant)
• GB 2254349 A 19921007 - SQUARE SYSTEMS LTD [IE]
• EP 2110478 A2 20091021 - SQUARE SYSTEMS LTD [IE]

Citation (search report)
• [XA] US 1388268 A 19210823 - KNUTSON ALFRED W
• [A] WO 2015086787 A1 20150618 - INNOVATIVE PRODUCTS LTD [IE]
• [A] US 2009025332 A1 20090129 - RICHARDS DEAN EVAN [NZ]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4368779 A1 20240515; WO 2024100198 A1 20240516

DOCDB simple family (application)
EP 22206784 A 20221110; EP 2023081317 W 20231109