

Title (en)
DEVICE FOR PROTECTION AGAINST SLIPPAGE OF SOFT MATERIAL

Title (de)
VORRICHTUNG AUS WEICHEM MATERIAL ZUM SCHUTZ GEGEN RUTSCHEN

Title (fr)
DISPOSITIF DE PROTECTION CONTRE LE GLISSEMENT DE MATÉRIAU SOUPLE

Publication
EP 3040479 A1 20160706 (EN)

Application
EP 15003575 A 20151214

Previously filed application
TO20141035 20141212 IT

Priority
IT TO20141035 A 20141212

Abstract (en)
Device (11) for protection against slippage of soft material, comprising: a substantially rectilinear longitudinal rod (13) provided at one of its ends with first anchoring means (15') for anchoring to the ground; oscillating arms (19) adapted to assume a resting configuration and a working configuration, wherein the angle \pm formed by the arms (19) and the rod (13) when in the resting configuration is smaller than the angle 2 formed by the arms (19) and the rod (13) when in the working configuration; a slider (21) slidable along at least part of said rod (13) and provided with rotatable engaging means (23) for said arms (19), said slider (21) being adapted to slide between a position of the rod (13) which is proximal to said first anchoring means (15') and corresponds to the resting configuration of the arms (19) and a position which is distal relative to said first anchoring means (15') and corresponds to the working configuration of said arms (19); an upstream rope (27) attached at its one end to one of the arms (19) and at its opposite end to the rod (13) and at least one downstream rope (29) attached at its opposite ends to two adjacent arms, wherein said ropes (27,29) assume a released configuration when the arms (19) are in the resting configuration and are tensioned when the arms (19) are in the working configuration.

IPC 8 full level
E01F 7/04 (2006.01)

CPC (source: EP)
E01F 7/04 (2013.01)

Citation (applicant)
WO 2011117790 A1 20110929 - LASAR S R L [IT], et al

Citation (search report)
• [AD] WO 2011117790 A1 20110929 - LASAR S R L [IT], et al
• [A] EP 1921210 A1 20080514 - BENTOFORM S R L [IT]

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 3040479 A1 20160706

DOCDB simple family (application)
EP 15003575 A 20151214