

Title (en)

Protective net, in particular for protection against rock falls or for securing a top layer of soil

Title (de)

Schutznetz, insbesondere für einen Steinschlagschutz oder für die Sicherung einer Erdoberflächenschicht

Title (fr)

Treillis protectif, en particulier pour la protection contre les chutes de pierres ou pour la consolidation d'une couche terrestre superficielle

Publication

EP 1795279 A1 20070613 (DE)

Application

EP 06024562 A 20061128

Priority

CH 19512005 A 20051209

Abstract (en)

The mesh has a set of helically curved wires (11 - 16) curved over or fitted with a set of loops (11a - 16a) at ends of the curved wires. The curved wires have an angle of twist (alpha) and a length (L) between two curves, where two adjacent wires are flexibly connected to each other in an area of the curves. A set of longitudinal reinforcement elements (31 - 35) is guided through a coupling area (A) of the helical wires and causes a set of rhomboidal meshes (17) to be divided into triangular meshes (17a, 17b).

IPC 8 full level

B21F 27/02 (2006.01); **E01F 7/04** (2006.01)

CPC (source: EP US)

B21F 27/02 (2013.01 - EP US); **E01F 7/045** (2013.01 - EP US)

Citation (search report)

- [X] WO 2004088059 A1 20041014 - KRISMER JOSEF [AT]
- [DA] WO 9943894 A1 19990902 - FATZER AG [CH], et al
- [X] GB 410748 A 19340518 - WILLIAM BARR RUSSELL
- [A] DE 254852 C
- [A] KR 100439417 B1 20040709 - HUH SOO YOUNG, et al
- [A] DE 39174 C

Cited by

CN102444113A; CN114215011A; US2018195284A1; US10604932B2; DE202014007521U1; WO2015128177A1; WO2016058821A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1795279 A1 20070613; **EP 1795279 B1 20090429**; AT E429988 T1 20090515; CH 698850 B1 20091113; CN 1978790 A 20070613; CN 1978790 B 20120905; DE 502006003595 D1 20090610; JP 2007162456 A 20070628; US 2007131917 A1 20070614

DOCDB simple family (application)

EP 06024562 A 20061128; AT 06024562 T 20061128; CH 19512005 A 20051209; CN 200610168873 A 20061208; DE 502006003595 T 20061128; JP 2006331614 A 20061208; US 63608906 A 20061207