

Title (en)

KNOTTED MESH AS SUPPORTING MATERIAL IN MINES

Title (de)

GEKNÜPFTES NETZ ALS TRÄGERMATERIAL IN MINEN

Title (fr)

TREILLIS NOUÉ CONSTITUANT UN MATÉRIAU DE SUPPORT DANS DES MINES

Publication

EP 2820245 A2 20150107 (EN)

Application

EP 13705126 A 20130208

Priority

- US 201261604377 P 20120228
- EP 2013052570 W 20130208

Abstract (en)

[origin: WO2013127617A2] A method for lining a support material in mining and tunnel constructions comprises the steps of: providing a plurality of lay wires in the long direction; providing a plurality of stay wires in the cross direction, the stay wires making intersections with said lay wires; providing knot wires to attach the lay wires to the stay wires in at least some of the intersections so as to form the support material; installing the support material against a ceiling or a wall of a mining or tunnel construction by means of bolts.

IPC 8 full level

E21D 11/15 (2006.01)

CPC (source: EP US)

E21D 11/152 (2013.01 - EP US); **E21D 17/006** (2013.01 - US); **E21D 21/00** (2013.01 - US)

Citation (search report)

See references of WO 2013127617A2

Citation (examination)

- GB 2167788 A 19860604 - ROESLER DRAHT GMBH
- BE 1013901 A3 20021203 - BEKAERT SA NV [BE]
- WO 2010094569 A1 20100826 - BEKAERT SA NV [BE], et al

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)

WO 2013127617 A2 20130906; **WO 2013127617 A3 20140515**; AU 2013225238 A1 20140814; AU 2013225238 B2 20161020; CA 2862103 A1 20130906; EP 2820245 A2 20150107; US 2015104261 A1 20150416; ZA 201405345 B 20151223

DOCDB simple family (application)

EP 2013052570 W 20130208; AU 2013225238 A 20130208; CA 2862103 A 20130208; EP 13705126 A 20130208; US 201314381461 A 20130208; ZA 201405345 A 20140721