

Title (en)

Catch net in particular for rock fall restraining systems

Title (de)

Auffangnetz insbesondere für Steinschlagverbauungen

Title (fr)

Filet d'interception en particulier pour systèmes de protection contre la chute de pierres

Publication

EP 1516964 B1 20070110 (DE)

Application

EP 04019000 A 20040811

Priority

CH 15462003 A 20030910

Abstract (en)

[origin: EP1516964A1] The net has rings that engage with each other, where two longitudinal sides of the rings are held by holding ropes. The ropes held by two support bodies are moved in a longitudinal direction and are tensioned at the sides. Running ropes (37-40, 47-50) extending along the support body and fixed to the holding ropes. The running ropes move in a direction of impact location when a rock falls on the net to absorb dynamic energy.

IPC 8 full level

E01F 7/04 (2006.01); **F16F 7/00** (2006.01)

CPC (source: EP KR US)

E01F 7/04 (2013.01 - KR); **E01F 7/045** (2013.01 - EP US)

Cited by

WO2021228879A1; DE202020102781U1; DE102020113269B3; ITVR20100061A1; DE102006060480A1; DE202014102251U1; WO2011117790A1; WO2009127076A1; DE202014102250U1; WO2015173615A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1516964 A1 20050323; **EP 1516964 B1 20070110**; CH 696469 A5 20070629; CN 1594743 A 20050316; CN 1594743 B 20100714; DE 502004002604 D1 20070222; ES 2279999 T3 20070901; JP 2005083191 A 20050331; JP 4426409 B2 20100303; KR 101148502 B1 20120524; KR 20050026876 A 20050316; US 2005050830 A1 20050310; US 7188825 B2 20070313

DOCDB simple family (application)

EP 04019000 A 20040811; CH 15462003 A 20030910; CN 200410074871 A 20040830; DE 502004002604 T 20040811; ES 04019000 T 20040811; JP 2004262035 A 20040909; KR 20040071962 A 20040909; US 93440504 A 20040907