

Title (en)

STEEL WIRE MESH FOR MINES AND OTHER SUBTERRANEAN CONSTRUCTIONS

Title (de)

STAHLDRAHNETZ FÜR MINEN UND ANDERE UNTERIRDISCHEN KONSTRUKTIONEN

Title (fr)

FILET EN ACIER POUR MINES ET AUTRES CONSTRUCTIONS SOUTERRAINES

Publication

**EP 4001585 A1 20220525 (EN)**

Application

**EP 21208703 A 20211117**

Priority

FI 20206164 A 20201117

Abstract (en)

The invention relates to a steel wire mesh for supporting walls of mines and other subterranean constructions. The mesh comprises a number of parallel first mesh wires (1, 1'), which are arranged at a first distance from each other, as well as a number of parallel second mesh wires (2, 2'), which are arranged at a second distance from each other, perpendicular to the first mesh wires. The first and second mesh wires are attached to each other at the intersections of the mesh wires, preferably by welding. Furthermore the steel wire mesh comprises third mesh wires (3, 3') which are parallel to the first mesh wires, wherein an individual third mesh wire is arranged at a distance of 2 - 20 mm from the first mesh wire. The number of third mesh wires is smaller than the number of first mesh wires.

IPC 8 full level

**E21D 11/15** (2006.01)

CPC (source: EP FI)

**E21D 11/152** (2013.01 - EP FI)

Citation (search report)

- [XYI] AU 2007202992 A1 20080117 - ONESTEEL REINFORCING PTY LTD [AU]
- [Y] WO 2017098082 A1 20170615 - TAMMET OY [FI]
- [Y] DE 8803465 U1 19890824

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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