

Title (en)

FIRE PROTECTION DEVICE OF A STRUCTURAL CABLE

Title (de)

BRANDSCHUTZVORRICHTUNG FÜR EIN STRUKTURKABEL

Title (fr)

DISPOSITIF DE PROTECTION ANTI-FEU D'UN CABLE DE STRUCTURE

Publication

EP 3336255 B1 20191002 (FR)

Application

EP 16306729 A 20161219

Priority

EP 16306729 A 20161219

Abstract (en)

[origin: CA2989066A1] A fire protection device for a structural cable is proposed including taught metal reinforcements (32) and having a first stretch (41), a second stretch (42) and a connection zone (40) of a collar (30) located between the first and second stretches. The fire protection device comprises a protective mattress (34) surrounding the structural cable (16) in the first and second stretches (41, 42) and interrupted in the connection zone (40), and a thermally insulating ring (36) more rigid than the protective mattress (34), arranged between the reinforcements (32) and the collar (30) in the connection zone (40) and cooperating with the protective mattress in order to provide the reinforcements with a continuous thermal protection along the first stretch (41), of the connection zone (40) and of the second stretch (42).

IPC 8 full level

E01D 11/04 (2006.01); **E01D 19/16** (2006.01)

CPC (source: EP KR RU US)

D07B 1/06 (2013.01 - EP US); **D07B 5/005** (2013.01 - US); **E01D 11/00** (2013.01 - KR); **E01D 11/04** (2013.01 - EP); **E01D 19/16** (2013.01 - EP KR RU US); **E04B 1/94** (2013.01 - RU); **E04B 1/944** (2013.01 - US); **D07B 5/002** (2013.01 - EP); **D07B 2201/2088** (2013.01 - EP US); **D07B 2401/203** (2013.01 - EP US); **D07B 2401/2035** (2013.01 - EP US); **D07B 2501/203** (2013.01 - EP US); **E01D 11/04** (2013.01 - US)

Designated contracting state (EPC)

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