

Title (en)
CABLE WITH LOW STRUCTURAL ELONGATION

Title (de)
KABEL MIT GERINGER STRUKTURELLER DEHNUNG

Title (fr)
CÂBLE À FAIBLE ALLONGEMENT STRUCTURAL

Publication
EP 2104764 B1 20120627 (EN)

Application
EP 08701235 A 20080104

Priority

- EP 2008050053 W 20080104
- EP 07000237 A 20070108
- EP 08701235 A 20080104

Abstract (en)
[origin: EP1942224A1] A cable (211) is provided comprising a steel cord (212) and a polymer material (215). The steel filaments (213) of the steel cord (212) are coated with an adhesive before the penetration of the polymer material (215). The cable (211) has a structural elongation less than 0.025% and an E module 4% greater than the E module of the steel cord (212). These two improvements further decrease the total elongation of the cable at certain load.

IPC 8 full level
D07B 1/16 (2006.01); **D07B 1/06** (2006.01)

CPC (source: EP KR US)
D07B 1/06 (2013.01 - KR); **D07B 1/0673** (2013.01 - EP US); **D07B 1/16** (2013.01 - EP KR US); **D07B 2201/2079** (2013.01 - EP US); **D07B 2401/201** (2013.01 - EP US); **D07B 2501/2084** (2013.01 - EP US); **Y10T 428/294** (2015.01 - EP US)

Citation (examination)
EP 1457596 A2 20040915 - GOODYEAR TIRE & RUBBER [US], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 07000237 A 20070108; CN 200880001876 A 20080104; EP 08701235 A 20080104; EP 2008050053 W 20080104; ES 08701235 T 20080104; JP 2009545160 A 20080104; KR 20097014218 A 20080104; PL 08701235 T 20080104; PT 08701235 T 20080104; US 52233208 A 20080104