

Title (en)

Coated metal wire, wire-reinforced elastomeric article containing the same and method of manufacture

Title (de)

Beschichtete Metalldrähte, mit beschichteten Metalldrähten verstärktes Elastomermaterial und Herstellungsverfahren

Title (fr)

Fils métalliques revêtus, article elastomère armé contenant ces fils revêtus et procédé de fabrication

Publication

EP 1004689 A3 20011128 (EN)

Application

EP 99121011 A 19991021

Priority

- EP 99121011 A 19991021
- EP 98120359 A 19981028

Abstract (en)

[origin: EP1004689A2] A brass coated metallic wire for use as a reinforcing component in an elastomeric article, such as a motor vehicle tire. The brass coating is formed by depositing alternate layers of copper and zinc on the wire and then drawing the wire under conditions of temperature and pressure suitable to alloy the copper and zinc to form a brass coating on the wire. <IMAGE>

IPC 1-7

C25D 5/10; **C25D 5/48**; **B60C 9/00**

IPC 8 full level

C25D 5/10 (2006.01); **C25D 5/48** (2006.01); **C25D 7/06** (2006.01)

CPC (source: EP US)

C25D 5/10 (2013.01 - EP US); **C25D 5/48** (2013.01 - EP); **C25D 7/0607** (2013.01 - EP)

Citation (search report)

- [A] US 3997301 A 19761214 - YOSHIHARA TAKAHISA, et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 151 (C - 174) 1 July 1983 (1983-07-01)

Cited by

EP1295985A1; EP2213485A1; US6935008B2; WO2012085651A1; WO2021249922A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1004689 A2 20000531; **EP 1004689 A3 20011128**; **EP 1004689 B1 20140129**

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EP 99121011 A 19991021