

Title (en)

NEW METAL FIBER YARN WITH ENHANCED STRENGTH AND PROCESSABILITY

Title (de)

NEUES METALLFASERGARN MIT VERBESSERTER FESTIGKEIT UND VERARBEITBARKEIT

Title (fr)

NOUVEAU FIL DE FIBRE MÉTALLIQUE DOTÉ D'UNE RÉSISTANCE ET D'UNE APTITUDE AU TRAITEMENT AMÉLIORÉE

Publication

EP 2362918 A1 20110907 (EN)

Application

EP 09756749 A 20091124

Priority

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- EP 08169883 A 20081125
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Abstract (en)

[origin: WO2010060913A1] A new metal fiber yarn and methods for obtaining such a yarn are provided. The metal fiber yarn constitutes a construction comprising continuous metal fibers forming a metal fiber yarn. The construction comprises at least 5 bundles of continuous fibers, whereof at least one bundle is a bundle of metal fibers, preferably bundle drawn metal fibers. The bundles of continuous fibers are twisted together to form a yarn. Each bundle of metal fibers comprises at least 30 metal fiber filaments. The length of the continuous fiber bundles is substantially equal per unit length of the metal fiber yarn and the length of the fiber bundles per unit length of the metal fiber yarn is larger than the unit length of the metal fiber yarn itself.

IPC 8 full level

D02G 3/12 (2006.01); **D02G 3/44** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2010060913A1

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