

Title (en)

Metallised carbon fibres and laminated products containing these fibres.

Title (de)

Metallisierte Kohlenstoffasern und Verbundwerkstoffe, die diese Fasern enthalten.

Title (fr)

Fibres en carbone métallisées et produits stratifiés contenant ces fibres.

Publication

**EP 0065618 A1 19821201 (DE)**

Application

**EP 82100896 A 19820208**

Priority

DE 3106506 A 19810221

Abstract (en)

[origin: CA1176510A] Metallized carbon fibres and composite materials containing these fibres. Carbon filaments and fibres and sheets manufactured from them which have excellent properties of adherence to plastics without loss of tensile strength are obtained when the carbon filaments and fibres are provided with a metal coating by a current-less process.

Abstract (de)

Kohlenstoff-Fäden und -Fasern sowie daraus hergestellte Flächengebilde mit vorzüglichen Hafteigenschaften gegenüber Kunststoffen ohne Beeinträchtigung ihrer Zugfestigkeit werden erhalten, wenn man die Kohlenstoff-Fäden und -Fasern mit Hilfe eines stromlosen Verfahrens mit einem metallischen Überzug versieht.

IPC 1-7

**D01F 11/10**

IPC 8 full level

**D01F 11/12** (2006.01); **D04H 1/42** (2006.01); **D04H 1/4242** (2012.01); **D04H 3/002** (2012.01); **D06M 11/00** (2006.01); **D06M 11/83** (2006.01); **D06M 101/00** (2006.01); **D06M 101/40** (2006.01)

CPC (source: EP US)

**D01F 11/127** (2013.01 - EP US); **D04H 1/4234** (2013.01 - EP US); **D04H 1/4242** (2013.01 - EP US); **D04H 1/43828** (2020.05 - EP US); **D04H 3/002** (2013.01 - EP US); **Y10S 428/902** (2013.01 - EP US); **Y10T 428/249948** (2015.04 - EP US); **Y10T 428/26** (2015.01 - EP US); **Y10T 428/2918** (2015.01 - EP US); **Y10T 428/2958** (2015.01 - EP US); **Y10T 428/30** (2015.01 - EP US); **Y10T 428/31511** (2015.04 - EP US); **Y10T 428/31529** (2015.04 - EP US)

Citation (search report)

- [X] GB 2041342 A 19800910 - PLESSEY CO LTD
- [X] US 3495940 A 19700217 - STUETZ DAGOBERT E
- [X] GB 1215002 A 19701209 - COURTAULDS LTD [GB]

Cited by

EP0251491A1; GB2248620A; GB2248620B; EP0419882A1; US5093880A

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**DE 3106506 A1 19821007**; CA 1176510 A 19841023; EP 0065618 A1 19821201; JP S57149551 A 19820916; US 4481249 A 19841106

DOCDB simple family (application)

**DE 3106506 A 19810221**; CA 396651 A 19820219; EP 82100896 A 19820208; JP 2368482 A 19820218; US 50787383 A 19830624