

Title (en)
YARNS AND TOWS COMPRISING HIGH STRENGTH METAL COATED FIBERS, PROCESS FOR THEIR PRODUCTION, AND USES THEREOF

Publication
EP 0088884 B1 19860910 (EN)

Application
EP 83101195 A 19830208

Priority
US 35863782 A 19820316

Abstract (en)
[origin: EP0088884A1] Yarns or tows of high strength composite fibers the majority of which comprise a core of carbon or the like and a thin, uniform firmly adherent electrically conductive layer or an electrodepositable metal, such as nickel or the like, the bond strength of the metal to the core being greater than 10 percent of the intermetallic bond strength of the metal layer. The composites can be produced by electrodeposition from a bath onto the core but the procedure must use external voltages high enough both (i) to dissociate the metal at the core and (ii) to nucleate the metal through the boundary layer into direct contact with the core.

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IPC 8 full level
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CPC (source: EP KR)
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