

Title (en)

FASTENING DEVICE AND METHOD FOR COMPOSITE STRUCTURES.

Title (de)

BEFESTIGUNGSVORRICHTUNG UND VERFAHREN FÜR KOMPOSITSTRUKTUREN.

Title (fr)

DISPOSITIF ET PROCEDE DE FIXATION POUR DES STRUCTURES COMPOSITES.

Publication

EP 0089953 A4 19851107 (EN)

Application

EP 82900055 A 19810930

Priority

US 8101318 W 19810930

Abstract (en)

[origin: WO8301345A1] Fastener, e.g., stud (16), installation in a composite panel (12), such as a graphite epoxy structure, having a longitudinal conductivity substantially greater than the transverse conductivity is achieved in a manner providing increased conductivity between fastener assembly and the panel to which it is attached. Through panel countersink and fastener configuration, e.g., by use of grounding inserts (20 & 22), increased electrical contact is made to conductive fibers in the composite material which run at right angles to the central axis of the fastener.

IPC 1-7

H01R 4/30

IPC 8 full level

H01R 4/30 (2006.01); **H01R 4/64** (2006.01); **H01R 9/16** (2006.01)

CPC (source: EP)

H01R 4/30 (2013.01); **H01R 4/64** (2013.01); **H01R 9/16** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

WO 8301345 A1 19830414; DE 3176798 D1 19880728; EP 0089953 A1 19831005; EP 0089953 A4 19851107; EP 0089953 B1 19880622

DOCDB simple family (application)

US 8101318 W 19810930; DE 3176798 T 19810930; EP 82900055 A 19810930