

Title (en)

METHOD AND INSERT FOR CONNECTING COMPONENTS TO PLASTIC MEMBERS

Title (de)

VERFAHREN UND EINSCHUB ZUM VERBINDEN VON KOMPONENTEN AN PLASTIKTEILE

Title (fr)

PROCEDE ET INSERT POUR ACCOUPLER DES CONSTITUANTS A DES ELEMENTS EN MATIERE PLASTIQUE

Publication

EP 0705390 A4 19961106 (EN)

Application

EP 93916680 A 19930622

Priority

- BR 9307871 A 19930622
- US 9305957 W 19930622

Abstract (en)

[origin: WO9500764A1] Disclosed is an insert (20) comprising a tubular plastic body (22) having a hollow, axially extending threaded interior (24), and a plurality of interlocking portions preferably in the form of integrally formed plastic protrusions (40) extending outward from the plastic body. The insert is maintained by force-fit engagement within a corresponding recess (46) in a plastic base. Thereafter, the plastics of the body, protrusions and base are brought to a flowable condition at their interface to integrally bond the insert to the base and/or to interlock portions of the base and insert. The threaded interior (30) of the insert remains intact during this insert bonding procedure to then accept and threadably engage with a threaded member (38), which may be metal or any other material. The insert may include slots (60) therethrough at its lower end through which the plastics migrate, when the plastics are in their flowable condition, into the threaded interior of the insert and into contact with a threaded member (38) screwed in the insert to secure the threaded member (38) and prevent its further rotation.

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Citation (search report)

- [E] WO 9404834 A1 19940303 - BOELLHOFF & CO [DE], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 004, no. 171 (M - 044) 26 November 1980 (1980-11-26)
- See references of WO 9500764A1

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DE FR GB IT

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