

Title (en)
TWISTED WIRE REINFORCED LAYER

Title (de)
MIT EINEM VERDRILLTEN DRAHT VERSTÄRKTE SCHICHT

Title (fr)
COUCHE A RENFORCEMENT DE FIL TORSADE

Publication
EP 1438181 A1 20040721 (EN)

Application
EP 01974610 A 20011017

Priority
IB 0101944 W 20011017

Abstract (en)
[origin: WO03033246A1] A structural reinforcing layer made from wire, a structural reinforcing composite layer made from wire, and the resulting load bearing structures made from or retrofitted with wire reinforced plastics and cements. Said layers and structures made from monofilament metallic or pre-cured composite shear load into rigid thermoplastic, thermoset, metallic or cementitious resin systems. Wire geometry, count, size and strength/stiffness can be varied in combination with resin type, sheet structure, permeability and orientation to create layers intended for use in composite and cement based structures as originally molded reinforcement or retrofitted structural upgrades.

IPC 1-7
B29C 70/16; E04G 23/02; B29C 70/88

IPC 8 full level
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Citation (search report)
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