

Title (en)

HIGH WEEPING STRENGTH POLYMER-GLASS RIBBON COMPOSITE LAMINATES FOR FLUID CONTAINMENT

Title (de)

SCHWITZWASSERBESTÄNDIGE MEHRSCHICHTIGE GLASKOMPOSITLAMINATBÄNDER FÜR FLÜSSIGKEITSBEHÄLTER

Title (fr)

STRATIFIES COMPOSITES A RUBAN DE VERRE POLYMERE A RESISTANCE AU SUINTEMENT ELEVEE POUR RESERVOIRS DE FLUIDE

Publication

EP 1015801 A4 20030129 (EN)

Application

EP 97934345 A 19970722

Priority

- US 9713342 W 19970722
- US 59407596 A 19960130

Abstract (en)

[origin: WO9908033A1] The present invention is a high weeping strength polymer-glass ribbon composite laminate for fluid containment. The laminate includes a reinforced composite tubular body which comprises a tubular polymeric matrix including a thermosetting polymer with tensile elongation to break less than 25 % and a glass ribbon reinforcement embedded within said tubular polymeric matrix. The reinforcing ribbon may be helically wound at an angle between 0-90 with respect to the pipe axis, or wound at an angle of about 90 DEG with respect to the pipe axis.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

F16L 9/12 (2013.01)

Citation (search report)

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- See references of WO 9908033A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

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