

Title (en)
GEL COATED REINFORCED COMPOSITE

Title (de)
VERSTÄRKTER VERBUNDWERKSTOFF MIT GELÜBERZUG

Title (fr)
COMPOSITE RENFORCE GELCOATE

Publication
EP 1753808 A2 20070221 (EN)

Application
EP 05856719 A 20050516

Priority
• US 2005017139 W 20050516
• US 57321404 P 20040521

Abstract (en)
[origin: WO2006076026A2] A method of forming a gel coated article, the method comprises thermoforming a reinforced thermoplastic substrate sheet into a desired shape wherein the resulting desired shape having a residual void content at least at the surface thereof. The desired shape is molded together with a gel coating material to form an adherent bond between said gel coating material and the desired shape wherein said gel coating material permeates into the desired shape and is cured to form a mechanical bond therewith.

IPC 8 full level
C08J 7/00 (2006.01)

CPC (source: EP KR)
B29C 37/0032 (2013.01 - EP); **B32B 7/10** (2013.01 - KR); **B32B 27/08** (2013.01 - KR); **B29C 2037/0042** (2013.01 - EP)

Citation (search report)
See references of WO 2006076026A2

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2006076026 A2 20060720; WO 2006076026 A3 20061005; AU 2005324509 A1 20060720; CN 100584878 C 20100127; CN 1976981 A 20070606; EP 1753808 A2 20070221; JP 2008500209 A 20080110; KR 101213356 B1 20121217; KR 20070024532 A 20070302; SG 155175 A1 20090930

DOCDB simple family (application)
US 2005017139 W 20050516; AU 2005324509 A 20050516; CN 200580016348 A 20050516; EP 05856719 A 20050516; JP 2007527346 A 20050516; KR 20067024254 A 20061120; SG 2009051392 A 20050516