

Title (en)
PLASTIC COMPOSITE UNIT

Title (de)
KUNSTSTOFFVERBUNDBAUTEIL

Title (fr)
ELEMENT COMPOSITE EN MATIERE PLASTIQUE

Publication
EP 1235675 A1 20020904 (DE)

Application
EP 00985015 A 20001113

Priority
• DE 19956607 A 19991125
• EP 0011194 W 20001113

Abstract (en)
[origin: WO0138063A1] The invention relates to a plastic composite unit, which is comprised of at least two flat workpieces made of different materials, e.g. of metal and plastic, and of different metals or plastics. The workpieces are interconnected in the edge area thereof, whereby the connection consists of a thermoplastic which is formed thereon.

IPC 1-7
B29C 45/14

IPC 8 full level
B29C 45/14 (2006.01); **B62D 29/00** (2006.01); **F16B 5/08** (2006.01); **B29K 23/00** (2006.01); **B29K 67/00** (2006.01); **B29K 77/00** (2006.01); **B29K 105/22** (2006.01)

CPC (source: EP KR)
B29C 45/14311 (2013.01 - EP); **B29C 45/14467** (2013.01 - EP); **B32B 15/00** (2013.01 - KR); **B62D 29/001** (2013.01 - EP); **B62D 29/004** (2013.01 - EP); **B62D 29/005** (2013.01 - EP); **B29C 2045/14327** (2013.01 - EP); **B29L 2031/3002** (2013.01 - EP)

Citation (search report)
See references of WO 0138063A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0138063 A1 20010531; AU 2157801 A 20010604; BR 0015839 A 20020806; CA 2394790 A1 20010531; CN 1399590 A 20030226; CZ 20021800 A3 20021016; DE 19956607 A1 20010531; EP 1235675 A1 20020904; JP 2003514693 A 20030422; KR 20020053092 A 20020704; MX PA02005171 A 20030128; NO 20022469 D0 20020524; NO 20022469 L 20020711; PL 355567 A1 20040504; SK 7322002 A3 20021106; TR 200201389 T2 20021121; ZA 200202982 B 20030625

DOCDB simple family (application)
EP 0011194 W 20001113; AU 2157801 A 20001113; BR 0015839 A 20001113; CA 2394790 A 20001113; CN 00816238 A 20001113; CZ 20021800 A 20001113; DE 19956607 A 19991125; EP 00985015 A 20001113; JP 2001539652 A 20001113; KR 20027006674 A 20020524; MX PA02005171 A 20001113; NO 20022469 A 20020524; PL 35556700 A 20001113; SK 7322002 A 20001113; TR 200201389 T 20001113; ZA 200202982 A 20020416