

Title (en)
WELDING PROCESS AND GEOSYNTHETIC PRODUCTS THEREOF

Title (de)
SCHWEISSVERFAHREN UND GEOSYNTHETISCHE PRODUKTE DARAUS

Title (fr)
PROCESSUS DE SOUDAGE ET PRODUITS GÉOSYNTHÉTIQUES ASSOCIÉS

Publication
EP 1981697 A1 20081022 (EN)

Application
EP 07757733 A 20070301

Priority
US 2007063087 W 20070301

Abstract (en)
[origin: WO2008105879A1] An ultrasonic welding method which requires no external pressure during the welding step is disclosed. A plurality of multi-layer strips can be welded such that the weld area is not thinner than the rest of the strip and has good UV protection. The method comprises: stacking a plurality of strips; providing external pressure; removing the external pressure, positioning the ultrasonic welding apparatus so that it places no external pressure on the stack; welding at least two strips; and removing the welding apparatus.

IPC 8 full level
B29C 65/08 (2006.01); **E02D 17/00** (2006.01)

CPC (source: EP)
B29C 65/08 (2013.01); **B29C 66/022** (2013.01); **B29C 66/1122** (2013.01); **B29C 66/438** (2013.01); **B29C 66/723** (2013.01); **B29C 66/731** (2013.01); **B29C 66/73115** (2013.01); **B29C 66/73151** (2013.01); **B29C 66/7352** (2013.01); **B29C 66/73921** (2013.01); **B29C 66/91411** (2013.01); **B29C 66/919** (2013.01); **B29C 66/92445** (2013.01); **B29C 66/929** (2013.01); **E02D 17/202** (2013.01); **E02D 29/0225** (2013.01); **B29C 65/62** (2013.01); **B29C 66/0222** (2013.01); **B29C 66/0242** (2013.01); **B29C 66/3022** (2013.01); **B29C 66/71** (2013.01); **B29C 66/7313** (2013.01); **B29C 66/73161** (2013.01); **B29C 66/73321** (2013.01); **B29C 66/949** (2013.01); **B29C 66/9513** (2013.01); **B29K 2023/00** (2013.01); **B29K 2023/06** (2013.01); **B29K 2023/0625** (2013.01); **B29K 2023/0641** (2013.01); **B29K 2023/065** (2013.01); **B29K 2023/12** (2013.01); **B29K 2067/00** (2013.01); **B29K 2069/00** (2013.01); **B29K 2075/00** (2013.01); **B29K 2077/00** (2013.01); **B29K 2101/12** (2013.01); **B29K 2105/0032** (2013.01); **B29K 2105/0044** (2013.01); **B29K 2105/005** (2013.01); **B29K 2105/0088** (2013.01); **B29K 2105/16** (2013.01); **B29L 2009/00** (2013.01); **B29L 2031/608** (2013.01)

Citation (search report)
See references of WO 2008105879A1

Citation (examination)
• US 2006169387 A1 20060803 - NAYAR SATINDER K [US], et al
• US 3447051 A 19690527 - ATTWOOD JOHN G, et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008105879 A1 20080904; EP 1981697 A1 20081022

DOCDB simple family (application)
US 2007063087 W 20070301; EP 07757733 A 20070301