

Title (en)  
SOLVENTLESS FORMING METHOD FOR HEAT EXCHANGER PANELS

Title (de)  
LÖSUNGSMITTELFREIES HERSTELLUNGSVERFAHREN VON PLATTENWÄRMETAUSCHERN

Title (fr)  
PROCEDE DE FORMAGE SANS SOLVANT POUR PANNEAUX D'ECHANGEUR THERMIQUE

Publication  
**EP 0988500 A1 20000329 (EN)**

Application  
**EP 98928030 A 19980605**

Priority  
• CA 9800569 W 19980605  
• US 4884297 P 19970606  
• US 8988898 A 19980604

Abstract (en)  
[origin: WO9855815A1] A method for forming thermoplastic heat exchanger panels without using solvents, wherein a co-extruded film is used to provide a layer of toughened, heat-sealable nylon on a layer of regular nylon, and using such panels in a gas-assisted press bonding process to form the heat exchanger panels.

IPC 1-7  
**F28F 21/06**; **B29C 51/00**; **B29C 49/00**; **B29C 69/00**

IPC 8 full level  
**B29C 49/00** (2006.01); **B29C 49/02** (2006.01); **B29C 51/02** (2006.01); **B29C 69/00** (2006.01); **B32B 27/34** (2006.01); **C08G 81/00** (2006.01); **C08L 77/00** (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)  
**B29C 49/0005** (2013.01 - EP); **B29C 49/0691** (2022.05 - EP); **B29C 51/267** (2013.01 - EP); **B32B 3/266** (2013.01 - US); **B32B 3/30** (2013.01 - US); **B32B 27/08** (2013.01 - US); **B32B 27/34** (2013.01 - EP US); **F28F 3/14** (2013.01 - EP); **F28F 21/065** (2013.01 - EP); **B29C 2049/78645** (2022.05 - EP); **B29K 2077/00** (2013.01 - EP); **B29L 2009/00** (2013.01 - EP); **B29L 2031/18** (2013.01 - EP); **B32B 2309/02** (2013.01 - US)

Citation (search report)  
See references of WO 9855815A1

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**WO 9855815 A1 19981210**; CA 2294866 A1 19981210; EP 0988500 A1 20000329; JP 2002504870 A 20020212

DOCDB simple family (application)  
**CA 9800569 W 19980605**; CA 2294866 A 19980605; EP 98928030 A 19980605; JP 50119999 A 19980605