

Title (en)

POLYMERIC MULTILAYER HEAT EXCHANGERS CONTAINING A BARRIER LAYER

Title (de)

MEHRSCHEIDIGE WÄRMETAUSCHER AUS POLYMER, DIE EINE SPERRSCHICHT ENTHALTEN

Title (fr)

ECHANGEURS THERMIQUES EN POLYMERES MULTICOUCHE POSSEZANT UNE COUCHE BARRIERE

Publication

EP 0925182 A1 19990630 (EN)

Application

EP 97939901 A 19970909

Priority

- CA 9700647 W 19970909
- US 2593296 P 19960911
- US 90638597 A 19970805

Abstract (en)

[origin: WO9810927A1] Heat exchangers which have heat exchange structures made from at least one layer of an organic polymer and at least one layer of a barrier polymer are particularly useful where light weight is important, such as in automobiles, trucks and aircraft.

IPC 1-7

B32B 27/08; F28F 21/06

IPC 8 full level

B32B 27/08 (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)

B32B 7/12 (2013.01 - US); **B32B 27/08** (2013.01 - EP US); **B32B 27/34** (2013.01 - US); **B32B 27/36** (2013.01 - US); **F28F 21/06** (2013.01 - EP);
B32B 2307/704 (2013.01 - US); **B32B 2457/00** (2013.01 - US); **B32B 2605/00** (2013.01 - US)

Citation (search report)

See references of WO 9810927A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

WO 9810927 A1 19980319; CA 2263603 A1 19980319; EP 0925182 A1 19990630; JP 2001500242 A 20010109

DOCDB simple family (application)

CA 9700647 W 19970909; CA 2263603 A 19970909; EP 97939901 A 19970909; JP 51308198 A 19970909