

Title (en)

LOW-DENSITY, DUCTILE, ALKENYL AROMATIC/UNSATURATED NITRILE/CONJUGATED DIENE MICROCELLULAR MATERIAL

Title (de)

DEHNBARES MIKROZELLULÄRES MATERIAL NIEDRIGER DICHT E AUS EINEM AKLENYLAROMATEN, EINEM UNGESÄTTIGTEN NITRIL UND EINEM KONJUGIERTEN DIEN

Title (fr)

MATIERE MICROCELLULAIRE A BASE D'ALCENYLE AROMATIQUE/NITRILE INSATURE/DIENE CONJUGUE A FAIBLE DENSITE ET DUCTILE

Publication

**EP 1047722 A1 20001102 (EN)**

Application

**EP 98964765 A 19981218**

Priority

- US 9826875 W 19981218
- US 6823197 P 19971219

Abstract (en)

[origin: WO9932543A1] An alkenyl aromatic/unsaturated nitrile/conjugated diene microcellular foam, exemplified in a styrene/acrylonitrile/butadiene foam, has a void volume of at least about 50 % and a relative toughness of at least about 500 psi. The high toughness is achieved with little or no reinforcing agent. The foam is blown without chemical blowing agent and is highly thermoformable.

IPC 1-7

**C08J 9/00**; **B29C 44/46**

IPC 8 full level

**B29C 44/00** (2006.01); **B29C 44/34** (2006.01); **B29C 44/46** (2006.01); **B29C 47/00** (2006.01); **C08J 9/00** (2006.01); **C08J 9/04** (2006.01); **C08J 9/12** (2006.01)

CPC (source: EP)

**B29C 44/3473** (2013.01); **B29C 44/348** (2013.01); **B29C 44/46** (2013.01); **C08J 9/00** (2013.01); **C08J 9/122** (2013.01); **C08J 2201/03** (2013.01); **C08J 2355/02** (2013.01)

Citation (search report)

See references of WO 9932543A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9932543 A1 19990701**; **WO 9932543 A9 19990923**; EP 1047722 A1 20001102; JP 2001527105 A 20011225

DOCDB simple family (application)

**US 9826875 W 19981218**; EP 98964765 A 19981218; JP 2000525474 A 19981218