

Title (en)

POLYCARBONATE HAVING A LOW SHEAR THINNING RATIO

Title (de)

POLYCARBONAT MIT GERINGEM SCHERENTZÄHUNGSVERHALTEN

Title (fr)

POLYCARBONATE PRESENTANT UN FAIBLE RAPPORT DE DILUTION PAR CISAILLEMENT

Publication

EP 1377624 A1 20040107 (DE)

Application

EP 02753710 A 20020313

Priority

- DE 10114805 A 20010326
- DE 10122496 A 20010510
- EP 0202719 W 20020313

Abstract (en)

[origin: WO02077064A1] The invention relates to a polycarbonate which is polymerised by fusion and has a shear thinning ratio (γ) defined by the limiting values of the following equation: $(Q) c + ax^{ > \gamma > -c+ax^{ >}$ provided that $\gamma \geq 1$; a, b and c are constants; $c = 0.3$ to 0.1 ; $b = 14.831 \pm 0.05$ to 0.02 ; $a = 0.1262 \pm 0.005$ to 0.003 ; and x represents the relative viscosity of the polycarbonate. Said polycarbonate has the same flow behaviour as a linear polycarbonate of comparable molecular weight, obtained according to the interfacial method.

IPC 1-7

C08G 64/06; **C08G 64/30**

IPC 8 full level

C08G 64/00 (2006.01); **C08G 64/06** (2006.01); **C08G 64/30** (2006.01)

CPC (source: EP KR US)

C08G 64/06 (2013.01 - EP KR US); **C08G 64/307** (2013.01 - EP US)

Citation (search report)

See references of WO 02077064A1

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 02077064 A1 20021003; CN 1501952 A 20040602; DE 10122496 A1 20021010; EP 1377624 A1 20040107; JP 2004523633 A 20040805; JP 4113780 B2 20080709; KR 100843927 B1 20080703; KR 100882983 B1 20090212; KR 20030094297 A 20031211; KR 20080041306 A 20080509; TW I225869 B 20050101; US 2003027973 A1 20030206; US 6699959 B2 20040302

DOCDB simple family (application)

EP 0202719 W 20020313; CN 02807343 A 20020313; DE 10122496 A 20010510; EP 02753710 A 20020313; JP 2002576520 A 20020313; KR 20037012461 A 20030925; KR 20087010030 A 20080425; TW 91105679 A 20020325; US 10391602 A 20020322