

Title (en)

URETHANE FOUNDRY BINDERS

Title (de)

URETHANBINDER FÜR GIESSEREIFORMSTOFFE

Title (fr)

LIANTS DE FONDERIE D'URETHANNE

Publication

EP 1181120 A2 20020227 (EN)

Application

EP 00935373 A 20000601

Priority

- GB 0002106 W 20000601
- GB 9912812 A 19990603

Abstract (en)

[origin: WO0074873A2] A two-component foundry binder system which has use in the manufacture of foundry moulds and cores comprises, as a first component, a solution in a solvent of a phenolic resin having free hydroxyl group and, as a second component, a liquid polyisocyanate or a solution of a polyisocyanate which is capable of reacting with the phenolic resin of the first component, when the first and second components are mixed together, to produce a polyurethane. The solvent in the first component comprises at least one 1-4C alkenoic acid ester of a glycol or of a glycol ether.

IPC 1-7

B22C 1/22; **C08G 18/54**

IPC 8 full level

B22C 1/22 (2006.01); **C08G 18/54** (2006.01)

CPC (source: EP)

B22C 1/2273 (2013.01); **C08G 18/542** (2013.01)

Citation (search report)

See references of WO 0074873A2

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 0074873 A2 20001214; **WO 0074873 A3 20011206**; AU 5091900 A 20001228; EP 1181120 A2 20020227; GB 9912812 D0 19990804; NO 20015866 D0 20011130; NO 20015866 L 20011130

DOCDB simple family (application)

GB 0002106 W 20000601; AU 5091900 A 20000601; EP 00935373 A 20000601; GB 9912812 A 19990603; NO 20015866 A 20011130