

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)  
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