

Title (en)  
LIGNIN BASED POLYOLS

Title (de)  
POLYOLE AUF LIGNINBASIS

Title (fr)  
POLYOLS A BASE DE LIGNINE

Publication  
**EP 0812326 A4 19980506 (EN)**

Application  
**EP 96944852 A 19961227**

Priority  
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Abstract (en)  
[origin: WO9724362A1] Certain lignins which are readily available from pulping processes function as a polyol component of an isocyanate system to make foams and urethane plastics. Use of the lignin in this manner provides moisture and flame resistance and produces products having sufficient rigidity. The sodium level must be controlled so that the reaction between the hydroxyl groups and the isocyanates produces products with the optimal properties.

IPC 1-7  
**C07G 1/00**; **C08G 18/00**; **C08G 59/00**; **C08H 5/02**; **C08L 97/00**

IPC 8 full level  
**C07G 1/00** (2011.01); **C08G 18/64** (2006.01); **C08L 71/02** (2006.01); **C08L 97/00** (2006.01)

CPC (source: EP KR SE)  
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**C08H 6/00** (2013.01 - EP KR SE); **C08L 71/02** (2013.01 - EP); **C08L 97/00** (2013.01 - KR); **C08L 97/005** (2013.01 - EP SE);  
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C-Set (source: EP)  
**C08L 71/02** + **C08L 2666/26**

Citation (search report)  
No further relevant documents disclosed

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DOCDB simple family (publication)  
**WO 9724362 A1 19970710**; AU 1336497 A 19970728; BR 9607058 A 19981215; CA 2214013 A1 19970710; CA 2214013 C 20110510;  
CN 1176643 A 19980318; EA 199700204 A1 19980226; EP 0812326 A1 19971217; EP 0812326 A4 19980506; JP H11501946 A 19990216;  
KR 19980702567 A 19980715; MX 9706348 A 19971129; NO 973988 D0 19970829; NO 973988 L 19971028; PL 322023 A1 19980105;  
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EA 199700204 A 19961227; EP 96944852 A 19961227; JP 52438896 A 19961227; KR 19970705973 A 19970827; MX 9706348 A 19961227;  
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