

Title (en)  
METHOD FOR WATERPROOFING LIGNOCELLULOSIC MATERIALS

Title (de)  
VERFAHREN ZUM HYDROPHOBIEREN VON LIGNOCELLULOSEMATERIALIEN

Title (fr)  
PROCEDE D'IMPERMEABILISATION DE MATERIAUX LIGNOCELLULOSIQUES

Publication  
**EP 1879726 A1 20080123 (DE)**

Application  
**EP 06724644 A 20060428**

Priority  
• EP 2006004016 W 20060428  
• DE 102005020390 A 20050502

Abstract (en)  
[origin: WO2006117160A1] The invention relates to a method for waterproofing lignocellulosic materials by impregnating the lignocellulosic material with a waterproofing agent, whereby the lignocellulosic material is impregnated with a hardenable aqueous composition before or during waterproofing, said composition containing at least one cross-linkable compound, selected from a) low-molecular weight compounds V, having at least two N-bonded groups of formula CH<SUB>2</SUB>OH, wherein R = hydrogen or C<SUB>1</SUB>-C<SUB>4</SUB> alkyl, and/or one 1,2-bishydroxyethan-1,2-diyl group, bridging two nitrogen atoms, β) precondensates of the compound V and γ) reaction products or mixtures of the compound V with at least one alcohol, selected from C<SUB>1</SUB>-C<SUB>6</SUB> alkanols, C<SUB>2</SUB>-C<SUB>6</SUB> polyols and oligo-C<SUB>2</SUB>-C<SUB>4</SUB>-alkylene glycols.

IPC 8 full level  
**B27K 5/00** (2006.01); **B27K 3/15** (2006.01); **B27N 7/00** (2006.01)

CPC (source: EP KR US)  
**B27K 3/15** (2013.01 - EP KR US); **B27K 5/00** (2013.01 - KR); **B27K 5/0085** (2013.01 - EP US); **B27N 1/00** (2013.01 - KR); **B27N 7/00** (2013.01 - EP US); **C08L 97/02** (2013.01 - EP US); **C09D 5/00** (2013.01 - KR); **B27K 2240/70** (2013.01 - EP US); **C08K 5/21** (2013.01 - EP US); **C08L 79/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006117160A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006117160 A1 20061109**; AU 2006243369 A1 20061109; BR PI0610106 A2 20111011; CA 2606789 A1 20061109; CN 101171108 A 20080430; EP 1879726 A1 20080123; JP 2008540158 A 20081120; KR 20080005250 A 20080110; MX 2007013706 A 20080128; NO 20075188 L 20071228; RU 2007144308 A 20090610; US 2008187669 A1 20080807

DOCDB simple family (application)  
**EP 2006004016 W 20060428**; AU 2006243369 A 20060428; BR PI0610106 A 20060428; CA 2606789 A 20060428; CN 200680015105 A 20060428; EP 06724644 A 20060428; JP 2008509349 A 20060428; KR 20077025406 A 20071101; MX 2007013706 A 20060428; NO 20075188 A 20071011; RU 2007144308 A 20060428; US 91259406 A 20060428