

Title (en)  
DRYING SHRINKAGE-REDUCING AGENT

Title (de)  
MITTEL ZUR VERRINGERUNG DER TROCKNUNGSSCHRUMPUNG

Title (fr)  
AGENT REDUISANT LE RETRAIT DE SECHAGE

Publication  
**EP 1725509 A1 20061129 (EN)**

Application  
**EP 05721220 A 20050315**

Priority  
• JP 2005005070 W 20050315  
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Abstract (en)  
[origin: WO2005087685A1] A drying shrinkage-reducing agent which comprises a polymer containing as an essential component at least one structural unit (I) represented by the following formula (1): [Chemical 1] wherein R1, R2, and R3 independently stand for a hydrogen atom, a methyl group, or a -(CH2)pCOOX group, wherein X stands for a hydrogen atom, a monovalent metal, a divalent metal, an ammonium group, an organic amine group, or a hydrocarbon group, and p is an integer of 0 - 2; and R4 stands for a hydrocarbon group of 4 - 30 carbon atoms, and exhibiting surface tension in the range of 25 - 50 mN/m in a solution containing 0.2 mass% of the polymer in a cement supe

IPC 8 full level  
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**C04B 2111/34** (2013.01 - EP)

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