

Title (en)
USE OF POLYMERS AS STICKING AGENTS

Title (de)
VERWENDUNG VON POLYMEREN ALS ANTI-ABPRALLMITTEL

Title (fr)
UTILISATION DE POLYMERES COMME AGENTS ANTI-REBOND

Publication
EP 1104988 A1 20010613 (FR)

Application
EP 99936747 A 19990817

Priority
• FR 9902002 W 19990817
• FR 9810471 A 19980817

Abstract (en)
[origin: FR2782245A1] Formulations for use in the presence of aqueous solutions, comprising a sticking (anti-rebound) agent (I) that has an elongation viscosity not less than twice that of water and a flow viscosity of not more than six times that of water, these being measured at concentrations in the range 0.05 - 3 g/liter. (I) preferably has an elongation viscosity 10 or more times that of water and a flow viscosity not more than 1.5 times that of water. It is preferably a water soluble or water dispersible polymer having a molecular weight between $5 \cdot 10^4$ and $5 \cdot 10^6$ g/mol, especially 10^5 - $5 \cdot 10^6$ g/mol. They are preferably any of the following: polyhydroxylated animal, vegetable or bacterial polysaccharides, polyvinyl alcohols, polyphenolic alcohols and their derivatives, polyoxy-ethylenated and -propylenated glycols, copolymers prepared from saturated or unsaturated carboxylic acids and their derivatives, or containing an amino, nitrile or nitrogen heterocyclyl group. The concentration of (I) in the composition is preferably 0.05 - 3 g/liter, especially 0.05 - 0.5 g/liter.

IPC 1-7
A01N 25/24; **A01N 25/30**

IPC 8 full level
A01N 25/00 (2006.01); **A01N 25/02** (2006.01); **A01N 25/04** (2006.01); **A01N 25/24** (2006.01); **A01N 25/30** (2006.01); **C09K 3/00** (2006.01)

CPC (source: EP US)
A01N 25/24 (2013.01 - EP US); **A01N 25/30** (2013.01 - EP US)

Citation (search report)
See references of WO 0008926A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
FR 2782245 A1 20000218; **FR 2782245 B1 20030829**; AU 5173599 A 20000306; AU 756786 B2 20030123; BR 9913066 A 20010925; CA 2340045 A1 20000224; CN 1318976 A 20011024; EP 1104988 A1 20010613; JP 2002522595 A 20020723; US 6534563 B1 20030318; WO 0008926 A1 20000224

DOCDB simple family (application)
FR 9810471 A 19980817; AU 5173599 A 19990817; BR 9913066 A 19990817; CA 2340045 A 19990817; CN 99811118 A 19990817; EP 99936747 A 19990817; FR 9902002 W 19990817; JP 2000564440 A 19990817; US 76307101 A 20010406