

Title (en)  
AQUEOUS MONOCONSTITUENT SYSTEM OF A POLYMER WITH ACETAL OR ALDEHYDE FUNCTION

Title (de)  
MONOFUNKTIONELLES WÄSSRIGES POLYMERSYSTEM MIT ACETAL- ODER ALDEHYDFUNKTION

Title (fr)  
SYSTEME MONOCOMPOSANT AQUEUX D'UN POLYMERE A FONCTION ACETAL OU ALDEHYDE

Publication  
**EP 1149121 A1 20011031 (FR)**

Application  
**EP 99958323 A 19991214**

Priority  
• FR 9903131 W 19991214  
• FR 9815866 A 19981216

Abstract (en)  
[origin: WO0035979A1] The invention concerns a monoconstituent system based on polymer of size ranging between 50 and 500 nm crosslinking at room temperature during the film formation process. The crosslinking is obtained by the presence of a hydrated acetal and/or an aldehyde function which are self-crosslinking in an acid medium.

IPC 1-7  
**C08F 220/28**; **C09D 157/10**

IPC 8 full level  
**C08F 220/28** (2006.01); **C08F 246/00** (2006.01); **C08L 33/06** (2006.01); **C09D 5/02** (2006.01); **C09D 129/00** (2006.01); **C09D 133/06** (2006.01); **C09D 133/14** (2006.01); **C09D 133/24** (2006.01); **C09D 201/06** (2006.01); **C09J 129/00** (2006.01); **C09J 133/14** (2006.01); **C09J 133/24** (2006.01); **C09J 201/06** (2006.01)

CPC (source: EP US)  
**C08F 246/00** (2013.01 - EP); **C08L 33/062** (2013.01 - EP); **C09D 133/062** (2013.01 - EP US)

Citation (search report)  
See references of WO 0035979A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**FR 2787458 A1 20000623**; AU 1570500 A 20000703; CA 2355693 A1 20000622; EP 1149121 A1 20011031; JP 2003517499 A 20030527; WO 0035979 A1 20000622

DOCDB simple family (application)  
**FR 9815866 A 19981216**; AU 1570500 A 19991214; CA 2355693 A 19991214; EP 99958323 A 19991214; FR 9903131 W 19991214; JP 2000588234 A 19991214