

Title (en)  
METHOD FOR PRODUCING WATER-SOLUBLE POLYMERS, COMPRISING OLIGOALKYLENE-IMINE SIDE CHAINS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON WASSERLÖSLICHEN POLYMEREN MIT OLIGOALKYLENIMIN-SEITENKETTEN

Title (fr)  
PROCEDE POUR PRODUIRE DES POLYMERES HYDROSOLUBLES COMPORTANT DES CHAINES LATERALES OLIGOALKYLENE-IMINE

Publication  
**EP 1237958 A1 20020911 (DE)**

Application  
**EP 00976040 A 20001117**

Priority

- DE 19955804 A 19991119
- EP 0011438 W 20001117

Abstract (en)  
[origin: WO0136500A1] The invention relates to a method for producing water-soluble homopolymers and copolymers, comprising oligoalkylene-imine side chains of the general formula (I), wherein [Al]<sub>m</sub>, m, Y and x have the definitions given in claim 1, by radical homopolymerisation or copolymerisation of monomers A of the general formula (II), wherein [Al]<sub>m</sub>, m, n, Y and R have the definitions given in claim 1, in an aqueous reaction medium. The invention also relates to the homopolymers and copolymers obtained by this method and to their use as auxiliary agents in paper production.

IPC 1-7  
**C08F 20/34**; **C08F 290/06**; **D21H 17/45**

IPC 8 full level  
**C08F 2/10** (2006.01); **C08F 2/32** (2006.01); **C08F 20/34** (2006.01); **C08F 290/06** (2006.01); **D21H 17/45** (2006.01); **D21H 21/10** (2006.01); **C08F 220/34** (2006.01); **C08F 220/56** (2006.01)

CPC (source: EP US)  
**C08F 20/34** (2013.01 - EP US); **C08F 290/06** (2013.01 - EP US); **D21H 17/45** (2013.01 - EP US); **D21H 21/10** (2013.01 - EP US); **C08F 220/56** (2013.01 - EP US)

Citation (search report)  
See references of WO 0136500A1

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

DOCDB simple family (publication)  
**WO 0136500 A1 20010525**; AU 1394801 A 20010530; DE 19955804 A1 20010523; EP 1237958 A1 20020911; JP 2003514929 A 20030422; US 6562926 B1 20030513

DOCDB simple family (application)  
**EP 0011438 W 20001117**; AU 1394801 A 20001117; DE 19955804 A 19991119; EP 00976040 A 20001117; JP 2001538987 A 20001117; US 12911302 A 20020513