

Title (en)  
PAPER-MAKING AUXILIARY AGENT

Publication  
**EP 0158247 B1 19880107 (DE)**

Application  
**EP 85103840 A 19850329**

Priority  
DE 3413567 A 19840411

Abstract (en)  
[origin: US4673729A] The present invention relates to agents for increasing the retention of fibres, fillers and pigments and for accelerating drainage in papermaking, and as flocculating agents in the working up of effluents from papermaking by filtration, sedimentation and flotation. They are characterized in that they contain, as active components, one or more nitrogen-containing condensation products which can be obtained by reacting (A) aliphatic polyol-ether-amines which are free from halogen groups, contain cohesive polyether segments and carry no amino groups within these segments, with (B) compounds which are polyfunctional towards amino groups, optionally in the presence of (C) polyaminopolyamides and/or (D) polyalkylenepolyamines, component (B) being employed in an amount such that water-soluble polycondensates which have a viscosity of 100 to 1,000 mPa.s at 25 DEG C. in 25% strength aqueous solution are formed.

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**D21H 3/48**; **D21F 1/82**; **C08G 73/02**

IPC 8 full level  
**C08G 73/02** (2006.01); **D21F 1/82** (2006.01); **D21H 17/54** (2006.01)

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**D21F 1/82** (2013.01 - EP US); **D21H 17/54** (2013.01 - EP US)

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