

Title (en)  
HYDROPHILIC INTERPOLYMERS OF ACRYLIC ACID AND AN ACRYLATE.

Title (de)  
HYDROPHILE INTERPOLYMERE AUS ACRYLSÄURE UND EINEM ACRYLAT.

Title (fr)  
INTERPOLYMERES HYDROPHILES D'ACIDES ACRYLIQUES ET D'UN ACRYLATE.

Publication  
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Application  
**EP 81901866 A 19810608**

Priority  
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Abstract (en)  
[origin: WO8200147A1] Highly water absorbent polymers are obtained by polymerizing 65 to 95 weight percent of acrylic acid and 5 to 35 weight percent of a comonomer selected from an alkyl or a cyclohexyl methacrylate, phenyl acrylate, phenoxyalkyl acrylate and dialkylaminoalkyl acrylate or methacrylate. The polymerization can be carried out in the presence of a free radical catalyst in which case the polymer is then preferably neutralized with a base. Alternatively, carboxylic groups are neutralized first and then polymerized by subjecting the monomer mixture either to radiation or to UV light.

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**C08F 120/06**

IPC 8 full level  
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