

Title (en)

Dry strength additive for paper.

Title (de)

Trockenfestigkeitszusatz für Papier.

Title (fr)

Additif de résistance à sec pour papier.

Publication

EP 0362770 A2 19900411 (EN)

Application

EP 89118245 A 19891002

Priority

US 25233388 A 19881003

Abstract (en)

A mixture of cationic and anionic polymers useful as a strengthening additive in papermaking processes that comprises a water-soluble, linear, cationic polymer having a reduced specific viscosity greater than 2 dl/g and a charge density of 0.2 to 4 meq/g, and a water-soluble, anionic polymer having a charge density of less than 5 meq/g that is reactable in the presence of water with the cationic polymer to form a polyelectrolyte complex, processes for making the mixture, and its use, are disclosed.

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IPC 8 full level

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USRE42110E; US5647956A; US5501773A; FR2706496A1; US7141617B2; US5567277A; EP0414496A1; EP1285993A1; EP1918455A1; EP0548960A1; US5318669A; US5338407A; US5502091A; US5633300A; US7261771B2; US6359040B1; US10273634B2; US8969261B2; WO02066393A1; WO2014072587A1; WO2005012639A1; WO9429523A1; WO2004060689A1; WO2004096895A3; US7922867B2; US8916026B2; US9567710B2; WO2012067877A1; US8980056B2; US9752284B2; US6716312B2; US6755938B2; WO2007104716A1; WO2012065951A1

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