

Title (en)
PROCESS FOR MAKING PAPER

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PAPIER

Title (fr)
PROCEDE DE PRODUCTION DE PAPIER

Publication
EP 1706537 A2 20061004 (EN)

Application
EP 05711879 A 20050121

Priority
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• US 53862204 P 20040123

Abstract (en)
[origin: US2005161183A1] Methods for making paper or paperboard are described. One preferred method comprises forming a treated pulp by added to a papermaking pulp a synthetic layered silicate, a peptizer and at least one polymer. The synthetic layered silicate preferably comprises a synthetic hydrous sodium lithium magnesium silicate and the polymer is selected from cationic, nonionic and amphoteric polymers. The peptizer is preferably an inorganic polyphosphate peptizer and is contained in certain commercial synthetic layered silicate products. The inventor has surprisingly found that the peptizer provides significant improvements in drainage, retention and turbidity, thereby improving the papermaking process and the paper or paperboard product.

IPC 8 full level
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