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(54) Title: FLAME-RETARDANT FILLER FOR PLASTICS

(57) Abstract: The invention relates to a flame-retardant filler based on aluminium hydroxide, its use in polymers and a method for its production, in which aluminium hydroxide in the form of a bayerite/gibbsite mixture is modified under pressure of temperatures of at least 170°C in the presence of water and crystal growth regulator, the aluminium hydroxide used as starting material having an average particle size d_{50} from 0.1 to 4µm.



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