

Title (en)

METHOD FOR PRODUCING A FILM COMPRISING THERMOPLASTIC POLYMER AND INORGANIC FILLER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER FOLIE UMFASSEND THERMOPLASTISCHES POLYMER UND ANORGANISCHEN FÜLLSTOFF

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN FILM COMPRENANT UN POLYMÈRE THERMOPLASTIQUE ET UNE CHARGE INORGANIQUE

Publication

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Application

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Abstract (en)

[origin: WO2020030433A1] The invention relates to a method for producing a film comprising at least 20 wt% thermoplastic polymer and 50 to 75 wt% inorganic filler, and comprises the steps: providing the mixture, melting the mixture, producing a thin layer from the mixture, cooling the thin layer, producing a film, stretching the film in the longitudinal direction and in the transverse direction, wherein the particle size of the inorganic filler is at most 5 µm and the stretch ratio in the longitudinal direction and in the transverse direction is at least 3.5. The invention further relates to films produced by this method and to the use thereof.

IPC 8 full level

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C-Set (source: EP)

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