

Title (en)

METHOD FOR THE PRODUCTION OF LOW-BULK DENSITY POLYSTYRENE FOAM PARTICLES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYSTYROLSCHAUMPARTIKELN MIT NIEDRIGER SCHÜTTDICHTHE

Title (fr)

PROCEDE POUR PRODUIRE DES PARTICULES DE MOUSSE DE POLYSTYRENE A FAIBLE DENSITE APPARENTE

Publication

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Application

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Abstract (en)

[origin: WO2004022636A1] The invention relates to a method for the production of low-bulk density foam particles made of thermoplastic polymers, comprising the following steps: a) a foaming agent is added to a thermoplastic polymer melt, b) the polymer melt containing the foaming agent is cooled and extruded by means of a nozzle, c) the polymer melt containing the foaming agent is cut at the rear of the nozzle at reduced pressure and the foam particles are foamed, said foaming agent containing water and a solubility mediator, in addition to foam particles which can be obtained according to said method.

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