

Title (en)

METHOD AND APPARATUS FOR EXTRUDING FOAMED ARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG GESCHÄUMTER EXTRUDATE

Title (fr)

PROCEDE ET DISPOSITIF D'EXTRUSION D'ARTICLES EN MOUSSE

Publication

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Application

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Abstract (en)

[origin: WO0015405A1] During extrusion of foamed articles made from thermoplastic, a molten mass comprising heated, pressurized plastic which has been mixed with a foaming agent is pressed firstly through an orifice (4) which shapes the article and then through the nucleator (6). Then, the article is cooled. This results in a very fine microfoam structure. Particularly good results are obtained if the molten material is compressed for a short time immediately after it leaves the nucleator, during which compression it is ensured that no shear forces, or only slight shear forces, are generated in the molten mass.

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