

Title (en)

METHOD FOR THE PRODUCTION OF SELF-CLEANING FILMS IN A BLOW MOLDING METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG SELBSTREINIGENDER FOLIEN IM BLASVERFAHREN

Title (fr)

PROCEDE DE PRODUCTION DE FEUILLES AUTONETTOYANTES AU MOYEN D'UN PROCEDE DE SOUFFLAGE

Publication

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Application

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Abstract (en)

[origin: WO2004024427A1] The invention relates to a method for the production of blown film tubes (3) that are fitted with at least one self-cleaning surface. The method according to the invention has the following characteristics: forming a plastic molten mass in an extruder (2); pressing the plastic molten mass in a blowing head that has an annular discharge slit; extruding a film tube (3) from said annular slit; expanding the radius (R1) of the film tube (3) by producing a corresponding pressure at around the blow-up factor (FR) in the interior of the film tube (3); squeezing the film tube (3) with nip rolls (4); stretching the film tube (3) at around the longitudinal stretching factor (FZ) in its axial direction (z). The novelty of the invention is that at least one surface of the film tube (3) is fitted with bumps due to the fact that the material required to form matter volumes is either added before extruding the plastic molten mass from the annular slit or is distributed on the at least one surface of the film tube (3) after extrusion.

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