

Title (en)

A method for producing a yarn for a field of artificial grass.

Title (de)

Verfahren zur Herstellung von Garnen für Kunstrasen.

Title (fr)

Méthode pour la fabrication de fils pour terrains en gazon artificiel.

Publication

EP 0648868 A1 19950419 (EN)

Application

EP 94202940 A 19941011

Priority

NL 9301798 A 19931018

Abstract (en)

A method for producing a yarn for a field of artificial grass by extruding a polymer material into a monofilament, stretching the monofilament at an elevated temperature, relaxing it to obtain a band and twisting several bands together into a yarn, whereby said extrusion takes place via a spinning plate having such a form that monofilaments are obtained, which in the cross-section have regularly spaced-apart protrusions having a height of 10 - 40% of the thickness of the monofilament without protrusions, being a thickness of 100 - 700 μm and a width of 1 - 5 mm, then said stretching takes place at a stretching ratio between 1 : 2 and 1 : 10, whereby bands having a thickness of 50 - 350 μm and a width of 0.5 - 2 mm are obtained after relaxing and cooling, and whereby subsequently 5 - 10 bands are twisted together in order to obtain said yarn. <IMAGE>

IPC 1-7

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Citation (search report)

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