

Title (en)

PROCESS FOR PRODUCTION OF STARCH-BASED THERMOPLASTIC MATERIALS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON THERMOPLASTISCHEN MATERIALIEN AUF STÄRKEBASIS

Title (fr)

PROCEDE DE PRODUCTION DE MATIERES THERMOPLASTIQUES A BASE D'AMIDON

Publication

EP 1651421 A2 20060503 (EN)

Application

EP 04766150 A 20040707

Priority

- EP 2004051393 W 20040707
- IT MI20031472 A 20030718

Abstract (en)

[origin: WO2005011956A2] Process for production or processing of starch-based thermoplastic materials comprising: feeding of starch, water and any other components, as plasticizers, for example polyhydric alcohols, into a first section of a screw extruder; compression and homogenization of the material with formation of a melted mixture in said first section; compression of the mixture in a second section of a screw extruder and extrusion via an appropriately shaped die; process comprising the passage of said material through a pressure control valve located between said first and second section.

IPC 1-7

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IPC 8 full level

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