

Title (en)
MELTING AND SPINNING DEVICE AND MELTING AND SPINNING METHOD

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SCHMELZSPINNEN

Title (fr)
DISPOSITIF ET PROCEDE DE FONTE ET DE CENTRIFUGATION

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Application
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Abstract (en)
[origin: EP1310585A1] The present invention is relative to a melt spinning apparatus for melt spinning a biodegradable polymer material. The biodegradable polymer material is melted by a melt mechanism (4) including a screw (16) which is mounted in a vertically mounted cylinder (8) coaxially with the cylinder (8) and which is rotationally driven by a rotational driving mechanism (7). The screw includes at least one turn of a helical groove (17) on its peripheral surface. The biodegradable polymer material being melted in this way is discharged in the vertical direction from a discharge opening of a nozzle (10) mounted coaxially on the cylinder (8). <IMAGE>

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