

Title (en)

Method for producing a workpiece of a non-malleable material at room temperatur by hot spinning and apparatus therefor.

Title (de)

Verfahren zur Herstellung eines aus einem bei Umgebungstemperatur nicht-schmiedbaren Material bestehenden Teiles, und entsprechendes Werkzeug.

Title (fr)

Procédé de fabrication par fluotournage à chaud d'une pièce en un matériau non malléable à température ambiante et outillage correspondant.

Publication

EP 0490756 B1 19940615 (FR)

Application

EP 91403341 A 19911210

Priority

FR 9015570 A 19901212

Abstract (en)

[origin: EP0490756A1] In order to produce, by spinning, a workpiece of a material which is non-malleable at room temperature, a heated mandrel (24) is used which is equipped on the inside with an electrical resistance element (46) surrounded by a diffuser (48). The heating temperature of the mandrel (24) is adjusted by a regulator (66) placed in a unit (26) which rotates with the mandrel. Advantageously, this temperature is equal to the forming temperature of the material in question, reduced by the temperature rise of this material due to the effect of the spinning. <IMAGE>

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CPC (source: EP)

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