

Title (en)

Method of making forged blanks from bar material by upsetting, in particular for compressor blades, and tooling equipment for carrying out the method.

Title (de)

Verfahren zur Herstellung geschmiedeter Rohlinge aus Stangenmaterial durch Stauchen, insbesondere für Kompressorschaukeln und Werkzeugausrüstung zur Durchführung des Verfahrens.

Title (fr)

Procédé de fabrication d'ébauches forgées en barre par refoulement, notamment pour aubes de compresseur et outillage de mise en oeuvre.

Publication

EP 0331539 B1 19940126 (FR)

Application

EP 89400273 A 19890201

Priority

FR 8801227 A 19880203

Abstract (en)

[origin: EP0331539A1] The upsetting method comprises at least two successive steps during which, at least after a first deformation stage, during the first step a contact is maintained between at least three generatrices (5a, 5b, 5c, 5d) of the bar (1b) to be upset and the inside surface of a first container (2) which comprises, between two of the said lines of contact respectively, a hollow longitudinal excrescence forming, in cross section, a lobed section (4a, 4b, 4c, 4d) and, during the second step, a contact is maintained between the apex generatrices (1d, 1e, 1f, 1g) of the longitudinal excrescences of the blank (1c) obtained in the first step and the inside surface of a second container (6). <IMAGE>

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B21J 5/08; **B21K 3/04**

IPC 8 full level

B21J 5/08 (2006.01); **B21K 3/04** (2006.01)

CPC (source: EP US)

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