

Title (en)

METHOD AND APPARATUS FOR SHAPING HOLLOW SECTIONS, TUBES, ETC.

Publication

**EP 0343624 A3 19901031 (DE)**

Application

**EP 89109378 A 19890524**

Priority

DE 3817707 A 19880525

Abstract (en)

[origin: EP0343624A2] In order to shape material such as hollow sections, tubes, etc., this material is inserted into a receiving gap between a hollow mould (40) having recesses (35, 36, 37, 38, 39) on the one hand and elastic mould pieces (12, 13, 14, 15, 16) on the other hand. The elastic mould pieces are arranged in layers in a casing together with non-elastic intermediate pieces (29, 30, 31, 32), only shaping in the direction of the receiving gap being possible. The elastic mould pieces (12, 13, 14, 15, 16) are deformed elastically towards the material (33) to be shaped, by applying pressure to the layer arrangement of elastic mould pieces and non-elastic intermediate pieces, as a result of which the material (33) is permanently shaped inside the recesses of the hollow mould (40). The method and the apparatus can be employed, in particular, for the shaping of tubular material, for example for connection between a tube and a bar-shaped end piece. <IMAGE>

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**B21D 39/20**

IPC 8 full level

**B21D 22/10** (2006.01); **B21D 39/20** (2006.01)

CPC (source: EP)

**B21D 22/105** (2013.01); **B21D 39/203** (2013.01)

Citation (search report)

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