

Title (en)

Method and apparatus for forming a connecting portion on a hollow profile

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Montageanbindung an einem Hohlprofil

Title (fr)

Procédé et dispositif pour former un élément de jonction sur un profilé creux

Publication

EP 0895819 B1 20020918 (DE)

Application

EP 98113750 A 19980723

Priority

DE 19733476 A 19970802

Abstract (en)

[origin: EP0895819A1] The component is shaped by internal pressure to accommodate the mounting component. With the internal pressure in the profiled component less than that needed for shaping, the mounting position (10) is rough-shaped using a punch (5). The latter is then left inside the indented portion while high fluidic pressure is generated inside the profiled component (6), causing the walls (13) of the indented portion to press against the punch external surface. Internal pressure is then released and the punch is extracted, leaving a trough-shaped indentation free to form the mounting position.

IPC 1-7

B21D 26/02

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN109482718A; EP1321201A3

Designated contracting state (EPC)

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EP 0895819 A1 19990210; **EP 0895819 B1 20020918**; DE 19733476 A1 19990218; DE 19733476 C2 19990819; DE 59805587 D1 20021024; ES 2183263 T3 20030316; US 2003189272 A1 20031009; US 6581263 B1 20030624; US 7024769 B2 20060411

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