

Title (en)

Method of and installation for manufacturing hollow profiles with end cross-section extensions

Title (de)

Verfahren und Einrichtung zur Herstellung von Hohlprofilen mit endseitigen Querschnittserweiterungen

Title (fr)

Procédé et installation pour produire des profilés creux avec des extensions de section aux extrémités

Publication

**EP 0849011 B1 20010912 (DE)**

Application

**EP 97119522 A 19971107**

Priority

DE 19648091 A 19961120

Abstract (en)

[origin: EP0849011A1] A hollow blank (28) is expanded and calibrated in a forming tool, and cut to form two hollow profiles with facing widened ends. The blank is expanded while the forming tool is open, and is simultaneously upset to form a rotary-symmetrical bulging hollow profile, by an axial pressure, which is applied from outside to at least one of the two blank ends (32,48). The hollow profile is then cut centrally through the bulge, in a direction at right angles to the longitudinal direction of the profile.

IPC 1-7

**B21D 26/02**

IPC 8 full level

**B21D 26/02** (2011.01); **B21D 26/033** (2011.01); **B21D 26/047** (2011.01)

CPC (source: EP US)

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**DE 19648091 A1 19980528**; **DE 19648091 C2 19991028**; EP 0849011 A1 19980624; EP 0849011 B1 20010912; ES 2163701 T3 20020201; US 6009734 A 20000104

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