

Title (en)

Device for high pressure forming of hollow profiles

Title (de)

Vorrichtung zum Innenhochdruckumformen von Hohlprofilen

Title (fr)

Dispositif de formage à haute pression des profilés creux

Publication

EP 0904869 B1 20001129 (DE)

Application

EP 98115208 A 19980813

Priority

DE 19742443 A 19970926

Abstract (en)

[origin: EP0904869A1] The tool has a seal unit (7) with a support ring (12) a sealing element (13), and a stop body (11) fastened to it with a sealing head stop face (4) on a hollow profile (3). The support ring slides on a carrier part (5), which has an actuator (37). The stop body engages on the profile due to an axial movement of the carrier part relative to the support ring, actuator and support ring charges the sealing element to expand it.

IPC 1-7

B21D 26/02

IPC 8 full level

B21D 26/02 (2011.01); **B21D 26/045** (2011.01)

CPC (source: EP US)

B21D 26/045 (2013.01 - EP US)

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

EP 0904869 A1 19990331; **EP 0904869 B1 20001129**; AT E197776 T1 20001215; DE 19742443 A1 19990422; DE 19742443 C2 19990722; DE 59800360 D1 20010104; US 6012317 A 20000111

DOCDB simple family (application)

EP 98115208 A 19980813; AT 98115208 T 19980813; DE 19742443 A 19970926; DE 59800360 T 19980813; US 16147198 A 19980928