

Title (en)
Tube expanding tool

Title (de)
Aufweitwerkzeug für Rohre

Title (fr)
Outil d' élargissement de tubes

Publication
EP 1060809 B1 20040331 (DE)

Application
EP 00111236 A 20000525

Priority
DE 19924898 A 19990601

Abstract (en)
[origin: EP1060809A1] The tool (1) has an expander part formed by a thread-like web, which projects radially over a main body of the tool, and over at least half, pref. all of its length. The main body is axially connected to a shaft for clamping the tool in a drive unit (10). The working diameter of the tool increases gradually and continuously to the final working diameter, via one, pref. three threads. The end face of the web is rounded, and web and main body are a single integral part.

IPC 1-7
B21D 41/02; **B29C 57/04**

IPC 8 full level
B21D 41/02 (2006.01); **B29C 57/04** (2006.01)

CPC (source: EP)
B21D 41/02 (2013.01)

Cited by
CN112297409A; US11648727B2; US12023849B2

Designated contracting state (EPC)
AT DE ES FR GB IT

DOCDB simple family (publication)
EP 1060809 A1 20001220; **EP 1060809 B1 20040331**; AT E262991 T1 20040415; DE 19924898 A1 20001207; DE 50005849 D1 20040506; ES 2214192 T3 20040916

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EP 00111236 A 20000525; AT 00111236 T 20000525; DE 19924898 A 19990601; DE 50005849 T 20000525; ES 00111236 T 20000525