

Title (en)
Process for manufacturing a hardened sheet metal profile

Title (de)
Verfahren zur Herstellung eines gehärteten Blechprofils

Title (fr)
Procédé pour la fabrication d'un profile de tôle durcie

Publication
EP 1300476 A3 20040908 (DE)

Application
EP 02019505 A 20020831

Priority
DE 10149220 A 20011005

Abstract (en)
[origin: EP1300476A2] Production of a hardened sheet metal profile comprises forming a passage (5) with a protruding collar on a sheet bar (1); hot deforming the sheet bar in a pressing tool to form a sheet metal profile; and hardening. Calibration of the recess to give the final shape is carried out in the pressing tool. <??>Preferred Features: A peripheral or interrupted collar is produced in the passage.

IPC 1-7
C21D 1/673; **C21D 9/46**; **C21D 9/00**

IPC 8 full level
B21D 19/08 (2006.01); **C21D 1/673** (2006.01); **C21D 9/00** (2006.01); **C21D 9/46** (2006.01)

CPC (source: EP US)
B21D 19/088 (2013.01 - EP US); **B21D 22/022** (2013.01 - EP US); **C21D 1/673** (2013.01 - EP US); **C21D 9/0068** (2013.01 - EP US); **C21D 9/46** (2013.01 - EP US)

Citation (search report)

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- [AD] DE 2452486 A1 19750507 - NORRBOTTENS JAERNVERK AB
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CN105598280A; DE10322928B3; US7544258B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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DE 10149220 C1 20020808; EP 1300476 A2 20030409; EP 1300476 A3 20040908; EP 1300476 B1 20051102; US 2003066581 A1 20030410

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DE 10149220 A 20011005; EP 02019505 A 20020831; US 26258602 A 20020930