

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)

- [AD] WO 9907492 A1 19990218 - SSAB HARDTECH AB [SE], et al
- [AD] DE 2452486 A1 19750507 - NORRBOTTENS JAERNVERK AB
- [A] GB 1490535 A 19771102 - NORRBOTTENS JAERNVERK AB

Cited by

CN105598280A; DE10322928B3; US7544258B2

Designated contracting state (EPC)

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DOCDB simple family (application)

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