

Title (en)
Method for rolling profiles in a workpiece

Title (de)
Verfahren zum Walzen von Profilen in ein Werkstück

Title (fr)
Procédé pour laminier des profilés dans une pièce

Publication
EP 0754511 B1 20011212 (DE)

Application
EP 95111557 A 19950722

Priority
DE 19526071 A 19950718

Abstract (en)
[origin: EP0754511A2] The process uses rolling tools and a drive unit with drive engine. The drive unit is braked or accelerated, pref. close to the tool, to compensate for tolerance in the drive unit. The unit is braked, when the tool engages in the workpiece, and the brake force is lifted shortly after rolling is finished. Braking is hydro-dynamic, and pref. computer-controlled. The braking momentum is smaller than the drive momentum, thereby maintaining constant the drive speed of the drive unit.

IPC 1-7
B21H 3/04; **B21H 5/02**

IPC 8 full level
B21H 3/04 (2006.01); **B21H 5/02** (2006.01)

CPC (source: EP)
B21H 3/04 (2013.01); **B21H 5/02** (2013.01)

Cited by
EP1208927A3; DE19718257A1; DE19718257C2; WO2012007543A1; US9718115B2; US9782820B2

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