

Title (en)
Tool in sheet metal working machine

Title (de)
Werkzeug in ein Blechbearbeitungsmaschine

Title (fr)
Outil dans une machine à travailler la tôle

Publication
EP 1321200 A3 20031022 (EN)

Application
EP 02028321 A 20021217

Priority
IT PR20010093 A 20011221

Abstract (en)
[origin: EP1321200A2] A tool of a machine for working sheet metal comprises an operative portion (1a) destined to operate on the sheet metal, and a securing portion or spigot (1b) destined to be coupled to the machine in removable fashion, and is characterised in that the spigot (1b) has at least a ferromagnetic projecting element (3) which defines an abutment surface inclined relative to the axis of the spigot, shaped in such a way as to be coupled with a magnet (5) associated to the machine. The inclination of said surface is such that the magnet exerts an attraction force with a horizontal component and a vertical component. <IMAGE>

IPC 1-7
B21D 5/02

IPC 8 full level
B21D 5/02 (2006.01)

CPC (source: EP)
B21D 5/0209 (2013.01)

Citation (search report)

- [A] FR 2791590 A1 20001006 - BRISARD MICHEL [FR]
- [A] US 3782166 A 19740101 - WHISTLER L., et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 12 25 December 1997 (1997-12-25)

Cited by
US11383284B2; US10792716B2; US10953453B2; US11235370B2; WO2018049056A1; WO2019090317A1

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