Title (en)
Tool for making a plug and socket connection with glue injection

Title (de)
Werkzeug zur Erstellung einer Steckverbindung mittels Klebstoffinjektion

Title (fr)
Outillage pour réaliser une connection enfichable et à injection de colle

Publication
EP 1552906 A3 20060913 (DE)

Application
EP 05000299 A 20050108

Priority
DE 102004001388 A 20040109

Abstract (en)
[origin: EP1552906A2] The tool to form a joint between two pipes with an adhesive injection, where the end of one pipe is inserted into the end of the other, has an upper (10) and a lower (12) handle with a joint (14) for a relative swing movement between them. A lock (16) holds the handles in a selected setting. A holder (18) is at the upper handle, on both sides of the joint, to hold the pipe with the open end to take the inserted pipe end, and clamp is against a counter unit (20) at the lower handle. A clamping bar (32) is at the holder, with a drilling or a threaded drilling (34) for a positioning screw (36) and an adhesive injector (38), which extend into an injection channel in the open pipe end. A spring-loaded swing limit stop (40) is at the holder or the counter unit for the laid open pipe end.

IPC 8 full level
B25B 7/22 (2006.01); **B25B 7/02** (2006.01); **B25B 7/12** (2006.01); **B25B 7/16** (2006.01); **F16B 11/00** (2006.01)

CPC (source: EP)
B25B 7/02 (2013.01)

Citation (search report)
- [A] US 5301532 A 19940412 - BICKMORE CARL E [US], et al
- [A] US 5895035 A 19990420 - BLEY C BARTON [CA]
- [DA] DE 9311623 U1 19930923 - TOTAL FEUERSCHUTZ GMBH [DE]
- [A] DE 2509357 A1 19751009 - CEM COMP ELECTRO MEC

Cited by
CN110537029A; US8056947B2

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

DOCDB simple family (publication)
EP 1552906 A2 20050713; **EP 1552906 A3 20060913**; DE 102004001388 A1 20050804; DE 102004001388 B4 20051229

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EP 05000299 A 20050108; DE 102004001388 A 20040109