

Title (en)  
ATTACHMENT OF A WOODEN HANDLE

Publication  
**EP 0174532 A3 19861230 (DE)**

Application  
**EP 85110555 A 19850822**

Priority  
DE 3432461 A 19840904

Abstract (en)  
[origin: EP0174532A2] When attaching a wooden handle (11) to a plastic sleeve (12) for receiving a coupling nipple, it is proposed to join the plastic sleeve (12) directly as an injection moulded part to the outside of an axial end region (13) of the wooden handle (11). The end region (13) can have annular grooves (16, 17). For the purpose of strengthening, the handle attachment can be surrounded by a tubular piece (14). The method for producing this handle attachment provides for inserting the handle (11) with its end region (13) into a form tool and introducing, in particular injecting, the plastic sleeve (12) into the intermediate space between the form tool and the end region (13) of the wooden handle (11). <IMAGE>

IPC 1-7  
**B25G 3/26**; **B25G 3/34**

IPC 8 full level  
**B25G 3/26** (2006.01); **B25G 3/34** (2006.01)

CPC (source: EP)  
**B25G 3/26** (2013.01); **B25G 3/34** (2013.01)

Citation (search report)

- [Y] FR 2111590 A5 19720602 - SCHMID JAKOB SOHNE, et al
- [YD] DE 2617622 A1 19771110 - GARDENA KRESS & KASTNER GMBH
- [A] US 1407668 A 19220221 - ALEXANDER MCCALLUM
- [A] DE 687817 C 19400207
- [A] GB 1327222 A 19730815 - OATES LTD
- [A] DE 1008979 B 19570523 - ERICH KORNICK DIPL CHEM DR, et al
- [A] US 4050727 A 19770927 - BONNES DAVID R
- [A] FR 92929 E 19690117 - AIMOS PAINI [FR]
- [A] FR 2330294 A1 19770603 - GOUVY ET CIE [FR]

Cited by  
GB2224459A; EP3114914A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0174532 A2 19860319**; **EP 0174532 A3 19861230**; DE 3432461 A1 19860313; DE 3432461 C2 19930624

DOCDB simple family (application)  
**EP 85110555 A 19850822**; DE 3432461 A 19840904