

Title (en)
Trowel with handle

Title (de)
Kelle mit Griff

Title (fr)
Truelle avec poignée

Publication
EP 0930133 A3 20010509 (DE)

Application
EP 98123859 A 19981216

Priority
DE 29800879 U 19980120

Abstract (en)
[origin: US6223384B1] A trowel with a handle, having a blade (15) and a mount (2), provided thereon, for the handle (1), the mount (2) is fastened on the blade (15) by a fastening section (4), has a spacer section (3) and is inserted in an opening (6) of the handle (1) by way of an insertion section (5). For more straightforward assembly and production, it is provided that the insertion section (5) is inserted in a radial opening (6) of the handle (1), with the result that a securing pin (8) which is introduced axially into the handle is used to secure the insertion section (5) against being drawn out.

IPC 1-7
B25G 3/26; B25G 1/10; E04F 21/06; E04F 21/16; B25G 3/10

IPC 8 full level
B25G 1/10 (2006.01); **B25G 3/10** (2006.01); **B25G 3/26** (2006.01); **E04F 21/06** (2006.01); **E04F 21/16** (2006.01)

CPC (source: EP US)
B25G 3/26 (2013.01 - EP US); **E04F 21/161** (2013.01 - EP US)

Citation (search report)

- [XAY] DE 2001072 A1 19710722 - LEVERINGHAUS GUENTER
- [X] US 2896441 A 19590728 - TUCKER JO W
- [Y] US 5615445 A 19970401 - KELSAY CURTIS D [US], et al
- [A] DE 8433183 U1 19850214
- [DA] US 5522111 A 19960604 - KELSAY CURTIS D [US], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 6223384 B1 20010501; AT E272467 T1 20040815; DE 29800879 U1 19990121; DE 59811753 D1 20040909; EP 0930133 A2 19990721; EP 0930133 A3 20010509; EP 0930133 B1 20040804

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