

Title (en)  
Supplementary handle for a manual tool machine

Title (de)  
Zusatzhandgriff für eine Handwerkzeugmaschine

Title (fr)  
Poignée supplémentaire pour une machine-outil manuelle

Publication  
**EP 2191941 A3 20111005 (DE)**

Application  
**EP 09175879 A 20091113**

Priority  
DE 102008044182 A 20081128

Abstract (en)  
[origin: EP2191941A2] The handle (31) has a fastening strap (37) for fixing the handle at a section of a manual tool machine. A support section is brought into contact with the section. A grip element (26) holds the handle. The support section is formed by an insert (41), which is fixedly connected with the strap and is made of elastically deformable plastic i.e. elastomer. Elevations are arranged at a side of the insert, where the side faces away from the strap. The elevations extend transverse to a plane stretched by a fastening chamber (38). The insert includes segments (42, 43) spaced relative to each other.

IPC 8 full level  
**B25F 5/02** (2006.01); **B25D 17/04** (2006.01)

CPC (source: EP)  
**B25D 17/043** (2013.01); **B25F 5/006** (2013.01); **B25F 5/026** (2013.01); **B25D 2222/57** (2013.01)

Citation (search report)

- [XP] EP 2082846 A2 20090729 - BLACK & DECKER INC [US]
- [A] JP 2001088059 A 20010403 - HITACHI KOKI KK
- [A] DE 202008003462 U1 20080521 - EINHELL HANS AG [DE]
- [A] GB 2444169 A 20080528 - BOSCH GMBH ROBERT [DE]

Cited by  
US2023241736A1; EP2468460A2; DE102010063912A1; EP2468461A2; DE102010063885A1; US11318589B2; DE102011078376A1; WO2013000724A1; US9370860B2; US11583992B2; US11919140B2

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