

Title (en)
Reinforced shank plastic key.

Title (de)
Verstärkter Plastikschlüsselschaft.

Title (fr)
Tige de la clé en plastique renforcée.

Publication
EP 0305953 B1 19940427 (EN)

Application
EP 88114070 A 19880829

Priority
• US 9149287 A 19870903
• US 15588488 A 19880216
• US 21676388 A 19880708

Abstract (en)
[origin: EP0305953A2] A molded plastics material key (10) having a handle (11), a shank (12) and a bit (13) and including a shank (12) reinforced to withstand torque applied through the head when resistance to turning is encountered after the key (10) is inserted into a lock. The reinforcement can include integrally molded thickening throughout the length of the shank (12) and extending at least partially onto the handle (11), reinforcement embedded at least partially within the key (10), a metallic reinforcing insert having an extension from the handle (11) into the shank (12), two reinforcing inserts, or fibrous reinforcement material. A key and holder combination is also provided.

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E05B 19/02

IPC 8 full level
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CPC (source: EP KR)
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Cited by
US5136869A; US5272895A

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

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EP 0305953 A2 19890308; EP 0305953 A3 19900613; EP 0305953 B1 19940427; AU 2154788 A 19890309; AU 603250 B2 19901108; BR 8804530 A 19890404; CA 1334797 C 19950321; DE 3856046 D1 19971120; DE 3856046 T2 19980212; DE 3889266 D1 19940601; DE 3889266 T2 19940922; EP 0553900 A2 19930804; EP 0553900 A3 19930901; EP 0553900 B1 19971015; JP H01146086 A 19890608; KR 890005363 A 19890513; MX 172828 B 19940117; NZ 225897 A 19910226; PL 274407 A1 19890502; PT 88419 A 19890731; YU 168788 A 19901031

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