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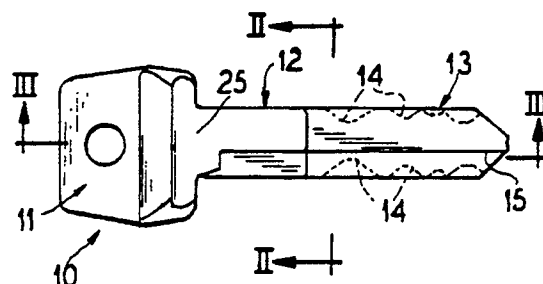
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54 **Reinforced shank plastic key.**

57 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.

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
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X A	DE-C-1 031 677 (H. RÖSINGER) * figures 3,4 * ---	1,3 5,9,16, 17	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
X A	DE-A-2 037 071 (STROHSCHNITTER & CO.) * complete document * ---	1,3 9,20	E 05 B A 45 C
X	DE-A-3 518 354 (HEINRICH WINKELHARD GMBH & CO KG PLASTIK- UND METALLWARENFABRIK) * complete document * --- -/-	1,3	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20-03-1990	Examiner KRABEL A.W.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	---	9, 20	
A	DE-U-1 789 132 (H. WEIS) * claim 2 * -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20-03-1990	Examiner KRABEL A.W.G.
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