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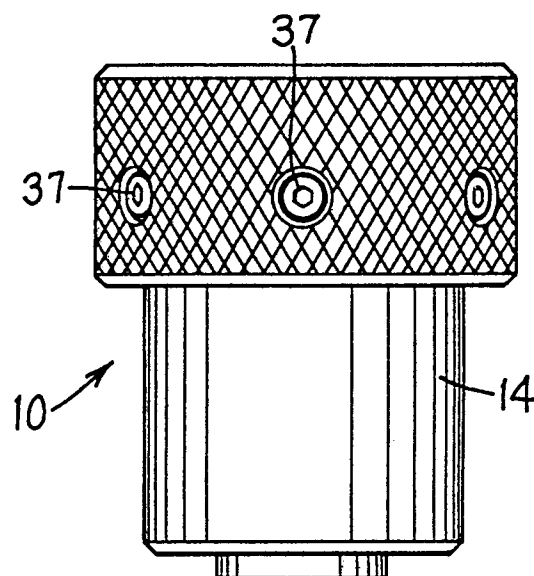
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⑤④ **Hand-operated valve refacer.**

⑤⑦ A valve refacing tool having a sleeve-like housing, and a substantially cylindrical support disposed within and removably fixed to the housing. This cylindrical support has a small-diameter cylindrical opening which extends axially from the inner end thereof, and which communicates with the small-diameter end of a truncated conical recess which opens outwardly through the other axial end thereof. This conical recess accommodates the head of a poppet valve. A plurality of cutting blades are secured in angularly spaced relationship around the conical recess. The cylindrical support is split into a plurality of separable arcuate sectors, and each is individually fixedly but releasably secured to the housing.





European Patent
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EUROPEAN SEARCH REPORT

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Application number

EP 85 10 5663

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	GB-A- 361 345 (CHRISTIE) * Page 2, lines 22-49,60-72; figures 1,2,6 *	1,4,8,9	B 24 B 15/04
A	GB-A- 316 839 (REIBELT) * Page 1, lines 76-100; page 2, lines 13-25; figure 1 *	1,8	
A	US-A-2 588 353 (BUECKERMANN) * Column 2, lines 12-60; column 3, line 68 - column 4, line 15; figure 1 *	1,8	
A	US-A-1 655 251 (STARKIN)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 01 L B 24 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-11-1986	Examiner LEFEBVRE L.J.F.
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			