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54 **Rotary power tools.**

57 A bevel gear 15 secured on a spindle 16 is driven in rotation by a motor. On the spindle is disposed a grinding disc held by a retaining nut and the bevel gear is formed with two recesses 21 into which a plunger can be depressed. A barrier plate 27 is disposed about the spindle and is capable of a degree of lost motion with respect thereto, the plate 27 also having two slots 29 through which the plunger can extend. The leading edges 31 of the slots are raised so that depression of the plunger during use of the tool causes the plunge to engage the edges 31 thereby causing the plate to take up said lost motion and cover up the recesses 21 to prevent the plunger from engaging therein. Sudden stopping of the spindle and its dangerous consequences are thus avoided.

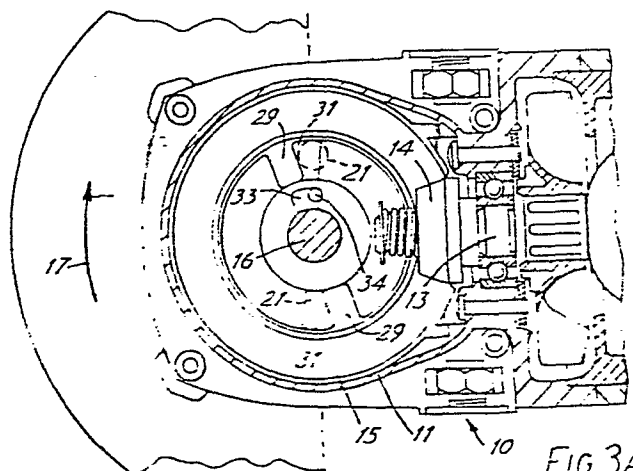


FIG. 3A



European Patent  
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# EUROPEAN SEARCH REPORT

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Application Number

EP 87 30 3751

## 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)
X	DE-A-3 120 899 (LICENTIA PATENT-VERWALTUNGS GmbH) * Abstract; figures * ---	1-3,6,7 ,10	B 24 B 45/00 B 24 B 23/02
X	DE-A-3 120 871 (LICENTIA PATENT-VERWALTUNGS GmbH) * Claims; figures * ---	1-4,8- 10	
A	EP-A-0 129 348 (BLACK & DECKER INC.) * Abstract; figures * ---	5	
X	DE-A-3 234 254 (MILWAUKEE ELECTRIC TOOL CORP.) * Claims; figures * ---	1-3	
X	US-A-3 872 951 (HASTINGS, Jr.) * Figures; abstract * ---	1-3	
A	DE-A-3 018 775 (LICENTIA PATENT-VERWALTUNGS GmbH) ---		
A	DE-A-3 001 907 (LICENTIA PATENT-VERWALTUNG GmbH) ---		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	DE-A-2 926 469 (LICENTIA PATENT-VERWALTUNG GmbH) -----		B 24 B B 25 F B 23 Q
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-04-1989	Examiner ESCHBACH D.P.M.
<b>CATEGORY OF CITED DOCUMENTS</b>			
X : particularly relevant if taken alone			
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