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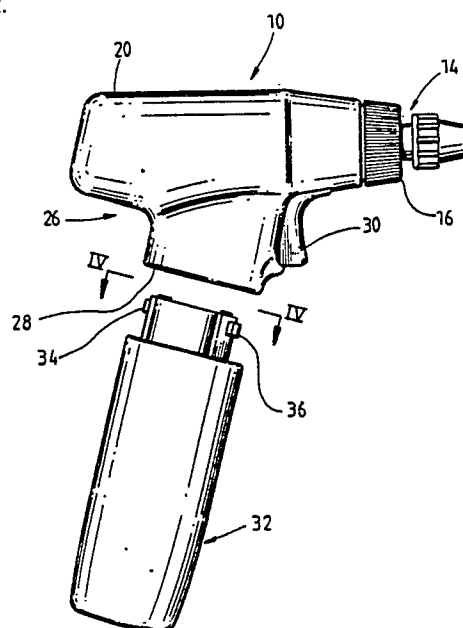
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DE FR GB IT(88) Date of deferred publication of the search report:
20.09.89 Bulletin 89/38(71) Applicant: **Cooper Industries Inc.**
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Houston Texas 77210(US)(72) Inventor: **Kilmer, Paul Robert**
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Kinkeldey, Stockmair & Partner
Maximilianstrasse 58
D-8000 München 22(DE)(54) **Battery operated power wrap tool.**

(57) A portable power tool for forming wire wrap type connections includes an electric motor, a torque transmitter and a casing for enclosing the electric motor and the torque transmitter. Removably mounted to the casing is a battery pack (32). The battery pack mounts both rechargeable and non-rechargeable batteries so that the battery pack may not be recharged when non-rechargeable batteries are contained within the battery pack.

**Fig.1****EP 0 234 399 A3**



EP 87 10 1815

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)
Y	PRODUCT ENGINEERING. no. 33, 14 May 1962, NEW YORK US page 98 - 99; "complex wiring tool" ----	1	H01R43/033 H02J7/00
Y	GB-A-2072438 (HEINE OPTOTECHNIK GMBH & CO KG) * page 1, line 6 - page 2, line 68; figures 1-5 *	1	
A	-----	3, 6, 7	
A	US-A-4194700 (KOBEL) * column 1, line 12 - line 35 * * column 3, line 6 - column 4, line 26; figures 1, 2 * -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H01R H02J
Place of search	Date of completion of the search	Examiner	
THE HAGUE	30 JUNE 1989	TAPPEINER R.	
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	