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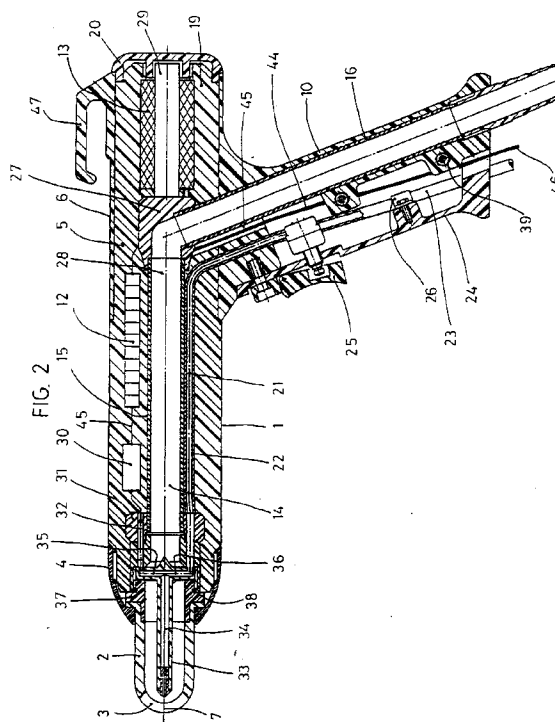
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(54) **Spray gun for electrostatic spray coating of objects.**

(57) Spray gun for electrostatic spray coating of objects, namely for a powder coating material, comprising a gun barrel (1) including a high voltage generator, topped in a replaceable nozzle (2), and a grip or support member (10, 11), a duct (14) for the coating material circulation, extending along said barrel and grip or support, and electrodes (17) connected to said high voltage generator and interposed to the passage of the product to spray.

According to the invention the spray gun is composed of a tubular element (6), acting as support of the barrel body (1), said element (6) being laterally extended by a portion (7) continued by a grip (10) or a supporting member (11) fastened to an automatic handler member, and said element (6) receiving, tightly inserted, a rear part (5) of the barrel (1), of smaller section, lengthwise delimited by a step (18) and topped by an end configuration (19) adapted to fasten a detachable part (8) which keeps linked the two bodies support (6) and barrel (1). The tubular support section comprises some passages to insert therethrough some ducts (16, 46) to supply powder and fluid and electrical current.





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# EUROPEAN SEARCH REPORT

Application Number  
EP 94 50 0160

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.6)
A	EP-A-0 383 031 (GEMA RANSBURG AG) 22 August 1990 * the whole document * -----	1	B05B5/03 B05B7/14
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B05B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29 June 1995	Examiner Juguet, J
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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  .....  &amp; : member of the same patent family, corresponding document</p>			

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