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71 Applicant: **PEABODY INDUSTRIAL LIMITED**, Peabody House, Weybridge Surrey KT15 2RS (GB)

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72 Inventor: **Smythe, Kenneth Robert**, 36 Orchard Avenue, Solihull (GB)

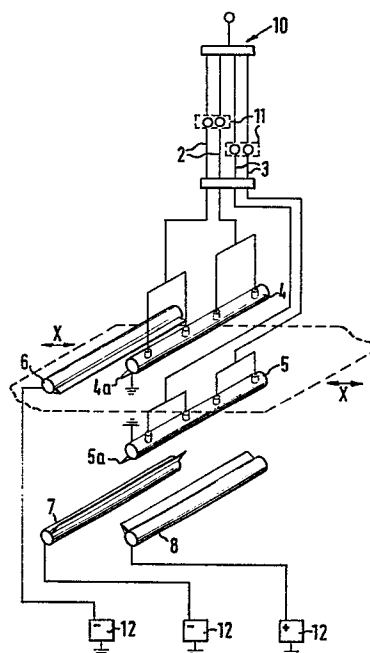
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74 Representative: **Gold, Tibor Zoltán et al, T.Z.GOLD & COMPANY 9**, Staple Inn, London WC1V 7QH (GB)

54 **Electrostatic blade coaters and methods of use.**

57 Electrostatic coating apparatus and method, principally for conductive coating media, comprise a pair of applicators (4, 5) positioned on either side of the path (X-X) of movement of the workpiece through the apparatus and maintained at earth potential. A pair of charging members (6, 7) are also positioned on either side of the path (X-X) of movement of the workpiece and are spaced from the applicators (4, 5) so as to charge the medium only after the medium has left the applicators (4, 5). When the path (X-X) of workpiece movement is horizontal, a booster charging member (8) is provided below that path to deflect the medium towards the workpiece. The booster (8) is supplied with a voltage of the same magnitude as that of the lower charging member (7). The polarity of the voltage supply to the booster (8) may be the same as or opposite to that of the lower charging member (7).





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EUROPEAN SEARCH REPORT

0080307
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EP 82 30 6034

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. ³)
X	FR-A-2 243 740 (VOITH GmbH) * Whole document *	1, 4, 5, 9, 10	B 05 B 5/08 B 05 B 1/04
X	FR-A-2 446 680 (INCUTLET et al.) * Claim 1, paragraph d; claim 2, figure 1 *	1, 4, 10	
X	US-A-2 773 472 (LAMM) * Column 2, line 31 - column 3, line 52; figures 1, 2 *	1, 10	
Y		5-7	
Y	BE-A- 677 461 (SAMES) * Figure 1 *	5-7	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	US-A-2 684 656 (RANSBURG) * Figure 5 *	2	B 05 B B 05 D
A	US-A-3 017 114 (MARVIN) * Column 2, lines 19-21; figure 2 *	3	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-08-1983	Examiner JUGUET J.M.
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	