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(71) Applicant (for all designated States except US): **INSTITUTT FOR ENERGITEKNIKK** [NO/NO]; Instituttv. 18, N-2007 Kjeller (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SVÅSAND, Eldrid** [NO/CL]; Diego Montecinos 188, Pobl Arturo Alessandri, Cerro Baron, Valparaiso, Chile (CL). **BUCHANAN, Mark** [GB/NO]; Fagerheimgate 11a, N-0567 Oslo (NO). **KNAPPILA, Matti** [FI/NO]; Brandtenborggata8, N-3012 Drammen (NO). **HELGESEN, Geir** [NO/NO]; Gneisveien 6, N-1475 Finstadjordet (NO). **MÆLAND, Arnulf** [NO/US]; 305 Cactus Hill COurt, Royal Palm Beach, Florida, FL 33411 (US).

(74) Agent: **IP.COOP (IPR SA)**; Linstows gate 6, N-0166 Oslo (NO).

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(54) Title: ELECTROSTATIC DISCHARGE DEVICE AND METHOD FOR MANUFACTURING THE SAME

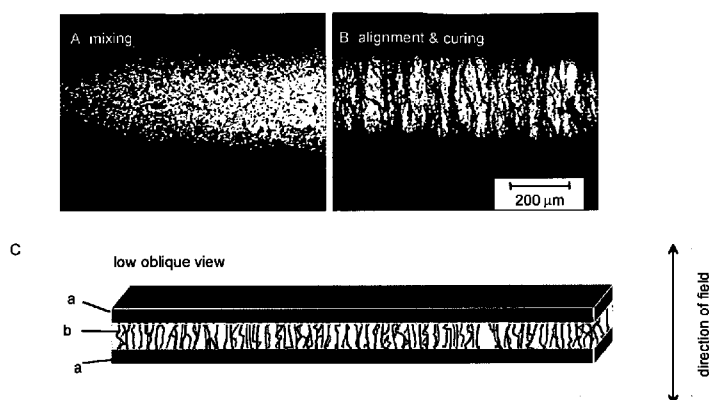


Fig. 1

(57) Abstract: The invention is achieved by applying a layer of the mixture that contains polymer and conductive particles over a first surface, when the mixture has a first viscosity that allows the conductive particles to rearrange within the layer. An electric field is applied over the layer, so that a number of the conductive particles are aligned with the field and thereafter the viscosity of the layer is changed to a second, higher viscosity, in order to mechanically stabilise the layer. This leads to a stable layer with enhanced and anisotropic conductivity that can be used in the manufacture of ESD devices.