

Title (en)

STATIC ELECTRICITY ELIMINATOR, PARTICULARLY FOR THE TREATMENT OF POLYMERS

Title (de)

ELIMINATIONSVORRICHTUNG FÜR STATISCHE ELEKTRIZITÄT INSBESONDERE ZUR BEHANDLUNG VON POLYMEREN

Title (fr)

ELIMINATEUR D'ÉLECTRICITÉ STATIQUE, NOTAMMENT POUR LE TRAITEMENT DE POLYMÈRES

Publication

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Application

EP 05762436 A 20050426

Priority

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Abstract (en)

[origin: WO2005122653A1] The invention relates to a static electricity eliminator comprising at least one nozzle having a body defining a supersonic tuyere (14) for pressure reduction of a compressed gas, a corona tip (36) located close to the neck (40) of the tuyere and an electric supply circuit (32) connected to the tip of the corona. The latter consists of a surgical needle made of steel with chrome. The tip (38) thereof has a diameter of less than 30 micrometers. The eliminator is used to improve the treatment of polymers.

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