

Title (en)
DUST MITIGATION SYSTEM.

Title (de)
STAUB-ERMÄSSIGUNGSSYSTEM.

Title (fr)
SYSTEM DE REDUCTION DE LA POUSSIÈRE.

Publication
EP 0063575 A4 19830214 (EN)

Application
EP 81902834 A 19811023

Priority
AU PE620480 A 19801024

Abstract (en)
[origin: WO8201481A1] Method of production of electrically charged droplets (6) of water for reduction of air borne dust and to apparatus for achieving this. The problem of short circuiting is solved by using a long and narrow bored supply tube (1) of non-conductive material in conjunction with a high voltage generator (3) with high internal resistance and an insulated spray load. Variations include addition of a second fluid such as air or oil to decrease the conductivity of the water, the spraying of water into a charged deflector disc and the modulation of the amplitude of the applied voltage.

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B05B 5/00; B05B 5/02; B05D 1/04; B03C 3/16

IPC 8 full level
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