

Title (en)
ELECTRODES ARRANGEMENT FOR CAPACITIVE PROTECTION FENCES

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Application
EP 83101441 A 19830215

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Abstract (en)
[origin: US4579317A] An electrode arrangement for capacitive guard fences wherein the conductor is horizontally stretched substantially parallel to the ground has a shape for preventing formation of water droplets which may collect as a result of precipitation from generating a false alarm and which also deters small animals from perching on the electrode. In one embodiment the electrode has a rectangular cross-section with the longest sides of the electrode being disposed substantially vertically. In another embodiment the electrode consists of two conductors having circular cross-sections which may be disposed parallel to one another or twisted. A further electrode embodiment has at least three conductors having very small circular cross-sections disposed at equal intervals from one another around a circular circumference. Means for facilitating water droplet runoff are provided at equal intervals which simultaneously serve as spacers for the conductors. Another electrode embodiment has a single line wire in the shape of a stretched helical spring.

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IPC 8 full level
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EP 83101441 A 19830215; AR 29202883 A 19830203; DE 3363860 T 19830215; ES 278033 U 19830217; GR 830170511 A 19830216; MX 19627983 A 19830215; US 45923383 A 19830119