

Title (en)

CORONA IGNITER WITH GAS-TIGHT HF PLUG CONNECTOR

Title (de)

KORONAZÜNDEINRICHTUNG MIT GASDICHTEM HF-STECKVERBINDER

Title (fr)

SYSTÈME D'ALLUMAGE À EFFET CORONA ÉQUIPÉ D'UN CONNECTEUR HF ÉTANCHE AUX GAZ

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Application

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Abstract (en)

[origin: WO2014056826A1] The invention relates to a corona igniter comprising a central electrode (7); an insulator (6) in which the central electrode (7) is plugged; a coil (5) which is connected to the central electrode (7); and a housing (4) in which the coil (5) is arranged. The housing (4) is closed by the insulator (6) at one end and has an HF plug connector at the other end, said HF plug connector having an inner conductor (2) which is connected to the coil (5) and an outer conductor (2) which is connected to the housing (4). According to the invention, the HF plug connector contains a glass body (3) which seals an annular gap between the inner conductor (2) and the outer conductor (1). The invention further relates to an HF plug connector suitable for such an HF igniter.

IPC 8 full level

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