

Title (en)

ELECTRODE MADE WITH CATALYTIC POWDER

Title (de)

ELEKTRODE MIT KATALYTISCHEM PULVER HERGESTELLT

Title (fr)

ELECTRODE PRODUITE AVEC POUDRE CATALYTIQUE

Publication

**EP 1235658 A1 20020904 (EN)**

Application

**EP 00973563 A 20001013**

Priority

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Abstract (en)

[origin: WO0128714A1] A catalytic powder comprising a plurality of support metal particles with a porous coating (12) surrounding the metal particles (11), the porous coating comprising either an electrocatalytic metal or an electrocatalytic metal continuous phase in admixture with a particulate material (14). An electrode made with the catalytic powder and a method to make the electrode is also disclosed. The present invention is advantageous because the porous coating mixture is first applied to a powder rather than being applied directly to a metal substrate, thereby creating a large internal surface area on the electrode and accordingly, lower overpotential requirements.

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IPC 8 full level

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