

Title (en)
COATING FOR GAS SENSORS

Title (de)
BESCHICHTUNG FÜR GASSENSOREN

Title (fr)
REVETEMENT DESTINE A DES CAPTEURS DE GAZ

Publication
EP 1347838 A4 20071219 (EN)

Application
EP 01987439 A 20011218

Priority
• US 0149121 W 20011218
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Abstract (en)
[origin: WO0250508A2] A method for making a sensor is disclosed comprising using a sensing electrode (20) having a first and second side. Using a reference electrode (22) having a first and second side and a second electrical lead in electrical communication with the reference electrode (22). Disposing an electrolyte (30) between the first side of sensing electrode (20) and the first side of reference electrode (22). Disposing a first side of a protective layer (32) adjacent to the side of sensing electrode (20). Mixing a metal oxide, a fugitive material, and a solvent to form a mixture. Applying the mixture to a second side of the protective layer (32) and calcining the sensor to form the protective coating (31) on the protective layer (32) second side.

IPC 8 full level
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Citation (search report)
• [X] WO 0173418 A2 20011004 - DELPHI TECH INC [US], et al
• [X] US 4296148 A 19811020 - FRIESE KARL-HERMANN
• [Y] US 4177112 A 19791204 - NAKAMURA YASUO [JP], et al
• [Y] EP 0832865 A2 19980401 - GEN MOTORS CORP [US]
• See references of WO 0250508A2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
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