

DEVELOPMENT OF PROTON EXCHANGE MEMBRANES BASED ON

Manuel Saray Beas¹, César Sedano-De la Rosa¹, Jesús Ortiz Palacios²

¹Universidad de Guadalajara, Departamento de Ingenierías, Mexico. ²Universidad de Guadalajara, Departamento de Ingenierías, Mexico.

The increased use of fossil fuels has led to successive emissions of CO₂ and other gases into the atmosphere, causing significant environmental problems. Currently, there is a strong push to develop new and innovative eco-sustainable energy generation devices. Proton exchange membrane fuel cells (PEMFCs) are promising due to their high energy conversion efficiency and enviro

Keywords: Proton conductivity, Bentonite, Fuel cell

Acknowledgment:

Dr. Cesar Sedano de la Rosa (CoDirector de tesis)

Dr. Jesús Ortiz Palacios (Director de Tesis)

Presenting author's email: manuel.saray8289@alumnos.udg.mx