RECENT ADVANCES IN PASSIVE AND SEMI-PASSIVE DIRECT METHANOL FUEL CELLS

Amir Faghri, Xianglin Li, Hafez Bahrami Department of Mechanical Engineering, University of Connecticut, Storrs, CT 06269, USA

SUMMARY. A review of the recent advances in experimental and numerical studies on direct methanol fuel cells (DMFCs) fed with high concentration methanol has been conducted. The key issues such as methanol crossover, water management, and fuel supply in the fuel cell have been discussed and some important results are presented.

079