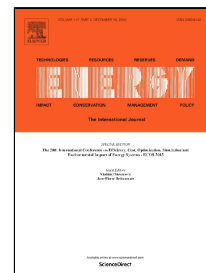


Accepted Manuscript

Investigation of the internal behavior in segmented PEMFCs of different flow fields during cold start process

R. Lin, Y.S. Ren, X.W. Lin, Z.H. Jiang, Z. Yang, Y.T. Chang



PII: S0360-5442(17)30145-7
DOI: 10.1016/j.energy.2017.01.138
Reference: EGY 10273
To appear in: *Energy*
Received Date: 22 July 2016
Revised Date: 21 January 2017
Accepted Date: 25 January 2017

Please cite this article as: R. Lin, Y.S. Ren, X.W. Lin, Z.H. Jiang, Z. Yang, Y.T. Chang, Investigation of the internal behavior in segmented PEMFCs of different flow fields during cold start process, *Energy* (2017), doi: 10.1016/j.energy.2017.01.138

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- Segmented fuel cell were used to record the internal current density and temperature distributions during the cold start.
- The effects of flow fields on the PEMFC cold start capacity were evaluated.
- The effect of cold start on the performance of fuel cell was evaluated.
- An optimized strategy was adopted to improve the cold start capacity.

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