

***Simulation on Pressure Rise during
Interrupting Process of Arc Chamber in
MCCB***

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Abstract-- Based on integral mass and energy equations in arc chamber, mathematic model is set up with consideration of different kinds of heat transfer to calculate the gas pressure and temperature during interrupting process in arc chamber of MCCB, the calculation results show close with experimental data. And the influence of venting hole size, the splitter plates and gassing material on the gas pressure in arc chamber has been investigated using above mathematic model.