Popping Popcorn on the Stove

Direction on how to make popcorn on the stove:

Put oil and popcorn kernels into a pot with a lid. Cook on medium heat so that you do not burn the popcorn. After a little while you should hear the first pop. Continue cooking until the popping slows or stops.

**Extended Response Question**

A. Describe the energy transfers that take place in this situation from start to end.

Be sure to include:

* the energy that is supplied to start the reaction,
* what energy transfers occur?
* where does all the energy end up?

B. Construct a Sankey Diagram to show the energy transfer.