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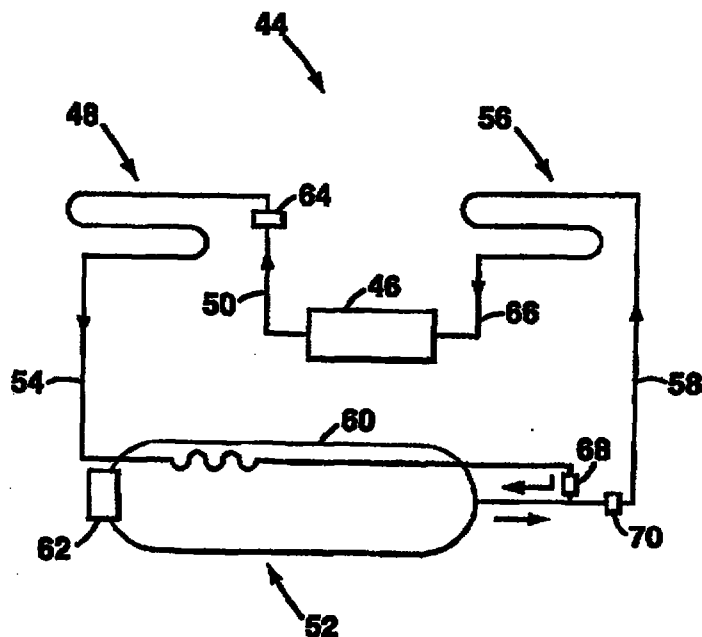
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(54) Title: ABSORBENT PAIR REFRIGERATION SYSTEM



(57) Abstract

An absorbent pair refrigeration system comprising a source of liquid refrigerant (46); an evaporator (48) for transforming the liquid refrigerant into vapor refrigerant at a lower temperature than the liquid refrigerant to thereby provide a desired cooling effect; a volume (52) of absorbent in communication with the evaporator (48), wherein the vapor refrigerant is absorbed onto the absorbent; an electromagnetic wave generator (62) for desorbing the vapor refrigerant from the absorbent without appreciably heating the absorbent; and a condenser (56) in communication with the absorbent for condensing the vapor refrigerant which has been desorbed from the absorbent.