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### (54) Heat exchanger comprising three concentric tubes

(57) A heat exchanger (800) is provided which may include a first heat exchange tube (100) in a pipe shape, including a first fluid inlet (102), into which a first fluid may be introduced and flow, and a first fluid outlet (105), through which the first fluid may be discharged; a second heat exchange tube (200) that passes through the first heat exchange tube (100), including a second fluid inlet (202), into which a second fluid may be introduced and flow, and a second fluid outlet (205), through which the second fluid may be discharged; and a third heat exchange tube (300) that includes a third fluid inlet (302), into which the second fluid discharged through the second fluid outlet (205) may be introduced and flow, and a third fluid outlet (305), through which the second fluid may be discharged, the third heat exchange tube (300) enclosing an external surface of the first heat exchange tube (100).

Fig. 1

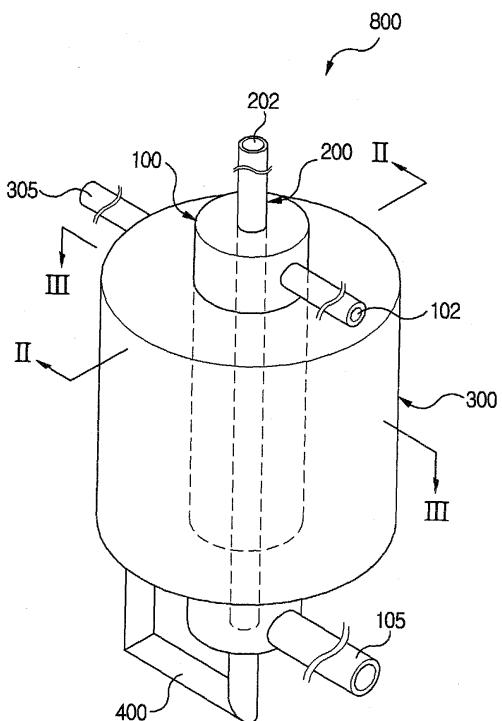
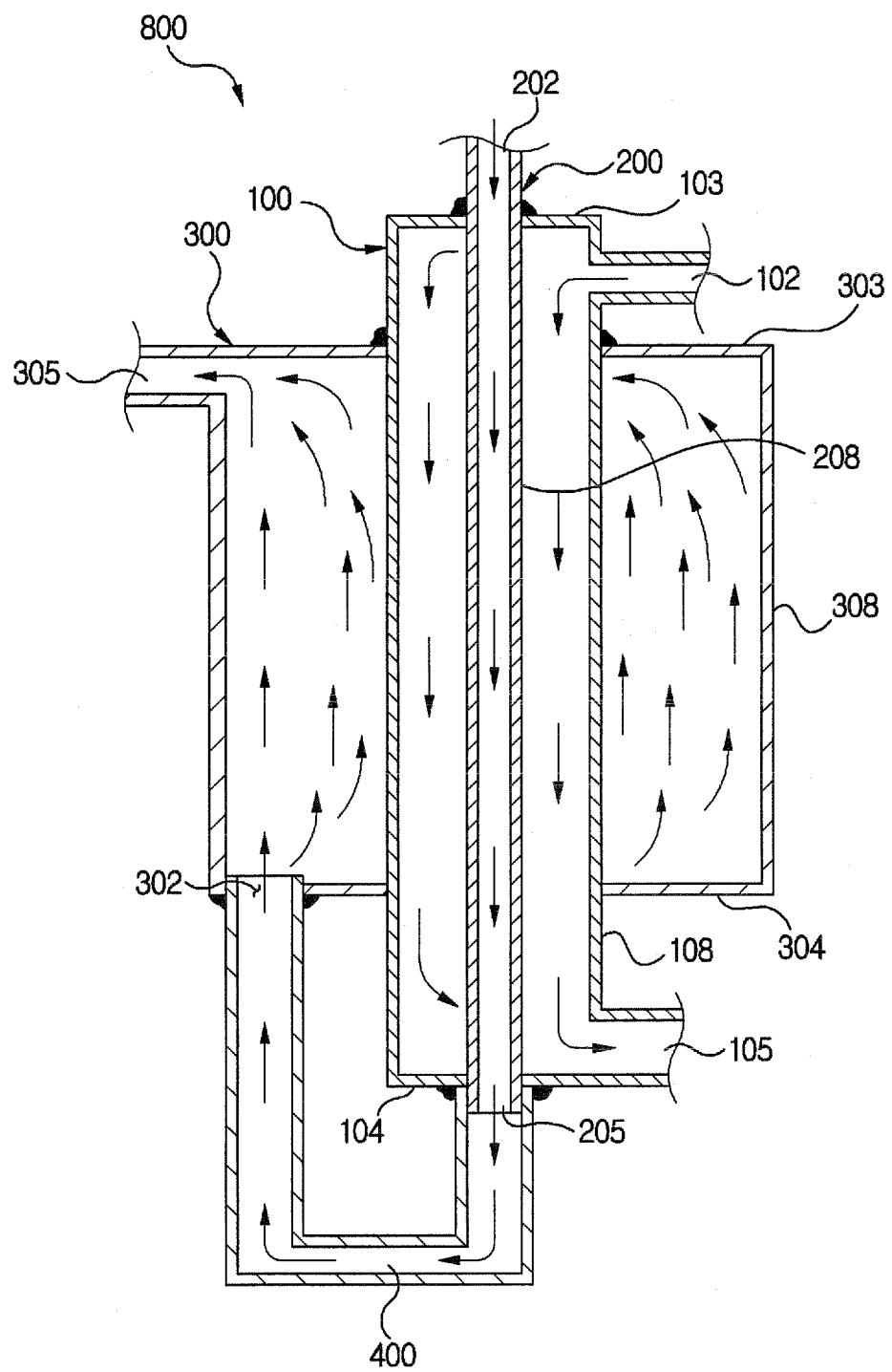


Fig. 3





## EUROPEAN SEARCH REPORT

Application Number  
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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1 The present search report has been drawn up for all claims			
1	Place of search Munich	Date of completion of the search 24 September 2012	Examiner Leclaire, Thomas
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background C : non-written disclosure P : intermediate document			
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