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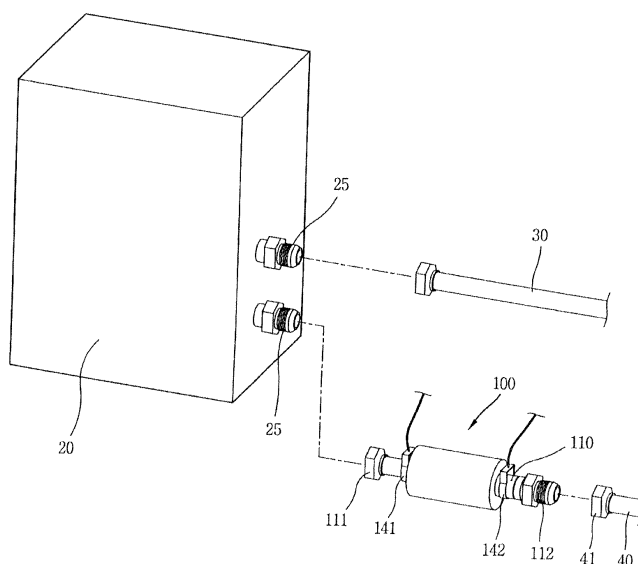
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(54) **Core assembly for air conditioner and air conditioner having the same**

(57) Disclosed are a core assembly for an air conditioner, and an air conditioner having the same. Since a core is formed in a consecutive ring shape, an impedance with respect to an electric signal is improved to enhance a communication performance through a refrigerant pipe. Furthermore, as the core or a core holder is integrally formed at a connection pipe, the refrigerant pipe is pre-

vented from vibrating or moving by installation circumstances. This may enhance a communication performance much more. Besides, since a connector is provided at the core holder or a signal line, detachable mounting of the connector to the signal line may be facilitated. This may simplify the assembly processes and maintenance procedures, thereby reducing the costs.

FIG. 2





## EUROPEAN SEARCH REPORT

Application Number  
EP 11 15 7057

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The present search report has been drawn up for all claims			
Place of search <b>Munich</b>		Date of completion of the search <b>9 March 2018</b>	Examiner <b>Djemour, Anna</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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