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- **Kim, Hojung**
641-711 Gyoungsangnam-do (KR)
- **Han, Sungwon**
641-711 Gyoungsangnam-do (KR)
- **Choi, Inho**
641-711 Gyoungsangnam-do (KR)
- **Kim, Kunghwan**
641-711 Gyoungsangnam-do (KR)

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(71) Applicant: **LG Electronics, Inc.**
Seoul 150-721 (KR)

(74) Representative: **Vossius & Partner**
Siebertstrasse 4
81675 München (DE)

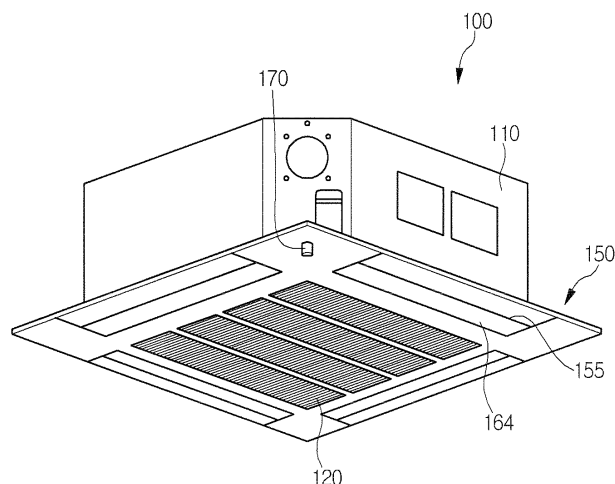
(72) Inventors:
• **Kim, Kidong**
641-711 Gyoungsangnam-do (KR)

(54) **Indoor unit for air conditioner and control method thereof**

(57) Provided is an indoor unit for an air conditioner buried in a ceiling and including a heat exchanger with respect to an indoor space defined by a bottom surface, the ceiling, and a plurality of wall surface, including: a front panel where a suction part suctioning air of the indoor space; a discharge hole placed on at least one side of the suction part and discharging heat-exchanged air

from the heat exchanger; an opening member provided movably to selectively open the discharge hole; a distance sensing unit sensing at least one of a distance up to the bottom surface from the front panel or the indoor unit and a distance up to the wall surface from the indoor unit; and a controller controlling the opening degree of the opening member based on a sensing result sensed by the distance sensing unit.

Fig. 1





EUROPEAN SEARCH REPORT

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EP 11 17 6864

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 6 March 2013	Examiner Mattias Grenbäck
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 O : non-written disclosure P : intermediate document 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 & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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