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(54) **Method for cooling supply air**

(57) Method for cooling supply air in the cooling system of a building, in which method the cooling water in the main circulation circuit (2) is cooled with a cooling compressor (1), and in which method cooling water is taken to the cooling radiator (3) from the main circulation circuit (2) for cooling the supply air, and in which method cooling water is taken to the room unit, such as to the chilled beam network (4) from the main circulation circuit (2) and mixed to the desired temperature, e.g. approx. 15 °C. The invention is implemented such that in an op-

erating situation the cooling water of the main circulation circuit (2) is cooled to a temperature of over 7 °C, preferably to a temperature of approx. 12 °C, and such that in an exceptional situation such as when the supply air is humid, the temperature of the room unit, such as of the chilled beam network (4), is raised higher to prevent condensation and at the same time the temperature of the water of the main circulation circuit (2) is reduced lower.

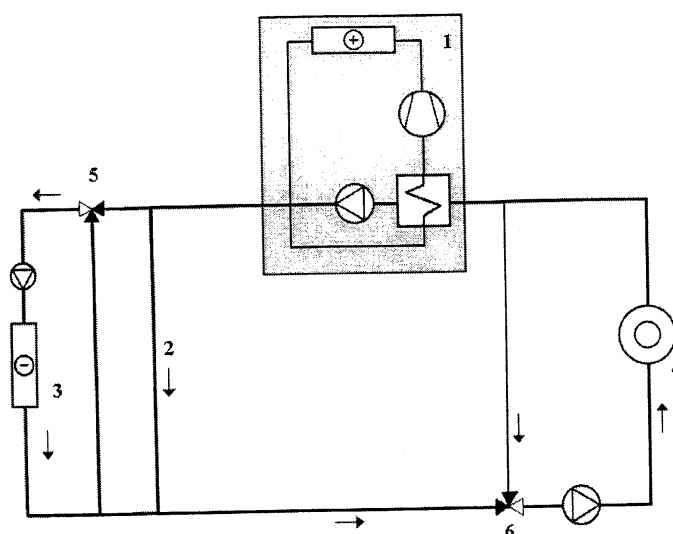


Fig. 1



EUROPEAN SEARCH REPORT

 Application Number
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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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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