

Title (en)

Equipment for supplying chilled fluid for an air conditioning installation and air conditioning installation with said equipment

Title (de)

Vorrichtung zum Zuführen von Kühlflüssigkeit an eine Klimaanlage und Klimaanlage mit einer solchen Vorrichtung

Title (fr)

Équipement pour fournir un fluid réfrigéré à une installation d'air conditionné et installation d'air conditionné comprenant un tel équipement

Publication

EP 1795825 A1 20070613 (EN)

Application

EP 05425877 A 20051212

Priority

EP 05425877 A 20051212

Abstract (en)

Equipment (1) for supplying chilled fluid to an installation (100) for air conditioning an environment (2) comprises means (6) for supplying chilled liquid at a first temperature (T₁) to radiant panels (7), in which the value of the first temperature (T₁) is such that the temperature of the inner surfaces of the environment (2) is kept above the dew point (T_{dr}) of the air present in the environment (2). The equipment (1) also comprises second supply means (8) for supplying chilled fluid at a second temperature (T₂) to a heat exchange element (9) positioned within the environment (2), in which the value of the second temperature (T₂) is such that the temperature of the heat exchange surface of the heat exchange element (9) is kept below the dew point (T_{de}).

IPC 8 full level

F24F 5/00 (2006.01); **F24F 13/22** (2006.01)

CPC (source: EP)

F24F 5/0007 (2013.01); **F24F 5/0089** (2013.01); **F24F 2003/1446** (2013.01)

Citation (search report)

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