

Title (en)  
Method for controlling an air-cooled condenser of an electric power generation plant with optimized management of state transitions and electric power generation plant

Title (de)  
Methode zur Kontrolle eines luftgekühlten Kondensator für ein Stromkraftwerk mit optimisiertes Management der Transitionsphasen und ein Stromkraftwerk

Title (fr)  
Méthode de contrôle d'un condensateur refroidi par air pour une centrale de production d'électricité avec management optimisé des phases de transition et centrale de production d'électricité

Publication  
**EP 2413078 A1 20120201 (EN)**

Application  
**EP 11175887 A 20110728**

Priority  
IT MI20101396 A 20100728

Abstract (en)  
Being described is a method for controlling an air condenser of an electric power generation plant, comprising a plurality of fans (F IJ ) and a control device (10), for selecting a state (S K , S K ') of the condenser among a plurality of available states (S 1 , ..., S P ), defined by sets of speed values (R 1 , ..., R Q ) of the fans (F IJ ). The method allows the selection of a new state (S K ') in response to a request to modify a selected current state (S K ) and change the speed (R 1 , ..., R Q ) of at least one fan (F IJ ) according to the new selected state (S K '). In order to change the speed (R 1 , ..., R Q ), the fan (F IJ ) is stopped and restarted at a new speed value, after a rest time (T R ) interval.

IPC 8 full level  
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CPC (source: EP)  
**F28B 1/06** (2013.01); **F28B 11/00** (2013.01)

Citation (search report)  
• [A] EP 0004448 A1 19791003 - COVRAD LTD [GB]  
• [A] GB 2135206 A 19840830 - HUDSON PRODUCTS CORP  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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