

Title (en)

AIR-COOLED HEAT EXCHANGER PROVIDED WITH A RIGID PANEL FORMING A WINDBREAK

Title (de)

LUFTGEKÜHLTER WÄRMETAUSCHER, DER MIT EINEM STARREN PANEEL AUSGESTATTET IST, DAS EINEN WINDSCHUTZ BILDET

Title (fr)

ÉCHANGEUR DE CHALEUR REFROIDI PAR AIR MUNI D'UN PANNEAU RIGIDE FORMANT PARE-VENT

Publication

**EP 2420789 B1 20180228 (FR)**

Application

**EP 10305902 A 20100819**

Priority

EP 10305902 A 20100819

Abstract (en)

[origin: EP2420789A1] The exchanger i.e. air cooled condenser (1), has a set of ventilation modules arranged in parallel rows and located in a same horizontal plane to form a ventilation structure (100) spaced from a ground (S) for air circulation under the structure. Each module comprises a ventilator (106) directed for sucking air below the structure and vertically blowing the air across fin tubes (204). A rigid panel (300) forms a wind barrier and extends vertically from a lateral edge of the structure to the ground on height (h) ranging between 5 and 50 percent of distance separating the structure.

IPC 8 full level

**F28B 9/00** (2006.01); **F28B 1/06** (2006.01)

CPC (source: EP US)

**F28B 1/06** (2013.01 - EP US); **F28B 9/00** (2013.01 - EP US)

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**EP 2420789 A1 20120222; EP 2420789 B1 20180228**; US 2012043061 A1 20120223; US 8776545 B2 20140715

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**EP 10305902 A 20100819**; US 201113212332 A 20110818