

Title (en)
CLOSURE ASSEMBLY FOR AN EVAPORATOR UNIT

Title (de)
VERSCHLUSSANORDNUNG FÜR EINE VERDAMPFEREINHEIT

Title (fr)
ENSEMBLE FERMETURE POUR UNITE EVAPORATEUR

Publication
EP 1910756 A2 20080416 (EN)

Application
EP 05764581 A 20050729

Priority
BR 2005000153 W 20050729

Abstract (en)
[origin: WO2007012162A2] An evaporator unit with an elongate discharge opening includes a closure assembly for defining the boundaries of the discharge opening and providing vanes and a louver structure for selectively varying the direction of the air discharge. An elongate body is secured to a back plate of the unit by way of a hook on the back of the body interfacing with a lip on an upper edge of the back plate. A plurality of vanes are secured to the body by way of a snap fit, and groups of vanes are selectively set at variable angles by use of a gang bar. A plurality of brackets are secured to the body and have a pair of arms extending therefrom. One arm has a snap-fit slot into which a post of a horizontal louver may be installed and the other arm has a surface against which one end of the drain pan is made to rest in an assembled position. The horizontal louver is connected to a drive motor for continuous oscillation of the discharged air in a vertical direction.

IPC 8 full level
F24F 1/00 (2011.01); **F25D 17/04** (2006.01); **F24F 13/30** (2006.01)

CPC (source: EP KR)
F24F 1/00 (2013.01 - KR); **F24F 1/0011** (2013.01 - EP); **F24F 1/005** (2019.01 - EP); **F24F 13/20** (2013.01 - EP); **F24F 13/30** (2013.01 - KR)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2007012162 A2 20070201; **WO 2007012162 A3 20071115**; BR PI0520460 A2 20090929; CN 101283227 A 20081008; CN 101283227 B 20100512; EP 1910756 A2 20080416; EP 1910756 A4 20100526; HK 1125166 A1 20090731; KR 100928380 B1 20091123; KR 20080036196 A 20080425

DOCDB simple family (application)
BR 2005000153 W 20050729; BR PI0520460 A 20050729; CN 200580051235 A 20050729; EP 05764581 A 20050729; HK 09102995 A 20090330; KR 20087003637 A 20050729