

Title (en)  
INSTALLATION FOR INDIRECT EVAPORATIVE COOLING OF AIR IN AN OBJECT

Publication  
**EP 0281631 B1 19910807 (DE)**

Application  
**EP 87902876 A 19870421**

Priority  
• SU 4059507 A 19860422  
• SU 4091978 A 19860709  
• SU 4199089 A 19870306

Abstract (en)  
[origin: WO8706682A1] The installation comprises a casing (1) provided with a pan (2) and containing, inside it, heat exchanging surfaces shaped as longitudinal plates (3) and forming channels. The channels consist of a dry and a wet section. Each dry (4) and wet (5) section of neighbouring channels at one of the butt-ends of the casing (1) is interconnected by means of an opening (12) made in the longitudinal plate (3) and located closer to the end of the dry section (4), whereas each neighbouring wet section (5) is provided with a plug (13) at the point of its conjugation with the corresponding dry section (4a), an inlet socket (7) at the dry sections (4a) of the opposite butt-end of the casing (1) being connected to the object.

IPC 1-7  
**F24F 3/147**

IPC 8 full level  
**F24F 1/0059** (2019.01); **F24F 3/147** (2006.01); **F24F 5/00** (2006.01); **F25D 1/00** (2006.01); **F24F 1/00** (2011.01)

CPC (source: EP US)  
**F24F 1/0007** (2013.01 - EP); **F24F 1/0059** (2013.01 - EP US); **F24F 5/0007** (2013.01 - EP)

Citation (examination)  
SU 979796 A1 19821207 - OD INZH STR INST [SU]

Cited by  
US7415837B2; US7861549B2; WO2023030087A1

Designated contracting state (EPC)  
CH DE FR GB LI NL SE

DOCDB simple family (publication)  
**WO 8706682 A1 19871105**; AU 586753 B2 19890720; AU 7392287 A 19871124; DE 3772034 D1 19910912; EP 0281631 A1 19880914; EP 0281631 A4 19880804; EP 0281631 B1 19910807; JP S63503162 A 19881117

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