

Title (en)  
Water-repellent coating in in-built condensers

Title (de)  
Hydrophobe Beschichtung von Kondensatoren im eingebauten Zustand

Title (fr)  
Revêtement hydrophobe de condensateurs en état intégré

Publication  
**EP 2184115 B1 20130313 (DE)**

Application  
**EP 09174287 A 20091028**

Priority  
DE 102008056621 A 20081110

Abstract (en)  
[origin: EP2184115A1] The method involves assembling capacitor tubes (101) in a carrier (105) for a capacitor tube bundle of a capacitor (100). The integrated capacitor tube is coated with a hydrophobic coating. Spraying devices (106) are positioned at the carrier for spraying the hydrophobic coating. A movement of the spraying devices takes place during the spraying with a constant feed motion along an extension direction of the integrated capacitor tube. Independent claims are included for the following: (1) a device for coating an integrated capacitor tube with a hydrophobic coating; and (2) a capacitor which is formed as heating capacitor.

IPC 8 full level  
**B05D 5/08** (2006.01); **B05D 1/04** (2006.01); **B05D 1/40** (2006.01); **F28F 13/04** (2006.01); **F28F 13/18** (2006.01)

CPC (source: EP US)  
**B05D 5/08** (2013.01 - EP US); **F28F 13/182** (2013.01 - EP US); **F28F 19/02** (2013.01 - EP US); **B05D 1/04** (2013.01 - EP US); **B05D 1/40** (2013.01 - EP US); **B05D 2254/02** (2013.01 - EP US); **F28B 1/00** (2013.01 - EP US); **F28F 2245/04** (2013.01 - EP US); **Y10T 29/49377** (2015.01 - EP US)

Cited by  
EP3159634A1

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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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2184115 A1 20100512**; **EP 2184115 B1 20130313**; BR PI0905392 A2 20110614; CN 101786060 A 20100728; DE 102008056621 A1 20100520; DE 102008056621 B4 20120105; PL 2184115 T3 20130830; US 2010115950 A1 20100513; US 8580351 B2 20131112

DOCDB simple family (application)  
**EP 09174287 A 20091028**; BR PI0905392 A 20091110; CN 200911000027 A 20091110; DE 102008056621 A 20081110; PL 09174287 T 20091028; US 61277209 A 20091105