

Title (en)  
COOLANT COLLECTOR COMPRISING A FILTER/DRYER UNIT

Title (de)  
KÄLTEMITTELSAMMLER MIT FILTER/TROCKNER-EINHEIT

Title (fr)  
ACCUMULATEUR DE RÉFRIGÉRANT DOTÉ D'UNE UNITÉ FILTRE/DESSICCATEUR

Publication  
**EP 1853859 A2 20071114 (DE)**

Application  
**EP 06723160 A 20060301**

Priority  
• EP 2006001862 W 20060301  
• DE 102005009191 A 20050301

Abstract (en)  
[origin: US2008282727A1] Disclosed is a coolant collector ( 1 ) comprising a filter/dryer unit ( 10 ) and an elongate, vertically oriented interior space which is subdivided into an upper area ( 38 ) and a lower area ( 39 ) by means of the filter/dryer unit ( 10 ). A flowing coolant is delivered to the filter/dryer unit ( 10 ) via a pipe ( 7 ). The outlet windows of the filter/dryer unit ( 10 ) are located on the outer circumference thereof which delimits a relatively narrow gap along with the wall ( 3 ) of the receptacle ( 2 ) of the coolant collector ( 1 ). Liquid components drip downwards and accumulate below the filter/dryer unit while gaseous components accumulate primarily above the filter/dryer unit ( 10 ).

IPC 8 full level  
**F25B 43/00** (2006.01); **F25B 9/00** (2006.01)

CPC (source: EP US)  
**F25B 43/006** (2013.01 - EP US); **F25B 9/008** (2013.01 - EP US); **F25B 43/003** (2013.01 - EP US); **F25B 2309/061** (2013.01 - EP US); **F25B 2500/01** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006092285A2

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)  
**US 2008282727 A1 20081120**; AT E437345 T1 20090815; CN 100538215 C 20090909; CN 101166942 A 20080423; DE 102005009191 B3 20060907; DE 502006004303 D1 20090903; EP 1853859 A2 20071114; EP 1853859 B1 20090722; ES 2329169 T3 20091123; WO 2006092285 A2 20060908; WO 2006092285 A3 20070907

DOCDB simple family (application)  
**US 90897906 A 20060301**; AT 06723160 T 20060301; CN 200680014442 A 20060301; DE 102005009191 A 20050301; DE 502006004303 T 20060301; EP 06723160 A 20060301; EP 2006001862 W 20060301; ES 06723160 T 20060301