

Title (en)
Filling for cooling towers

Title (de)
Füllkörper für Kühltürme

Title (fr)
Garnissage pour tour de refroidissement

Publication
EP 1152205 A2 20011107 (EN)

Application
EP 01110833 A 20010504

Priority
IT MI20000971 A 20000504

Abstract (en)
A packing element (100) for evaporative cooling towers for cooling industrial water and for all the other applications in which contact between different fluids is necessary, comprises two parallelepipedal half-elements (1,2) that are provided with ribbings (4) in relief having the shape of half-lozenges with their vertex lines (4a) set inclined with respect to one of the sides of smaller extension of the parallelepipedal panel. The two half-elements (1,2) are set, in the assembly phase, in mutual contact so that the bottom parts (4d) of the ribbings (4) of a first half element (1) are in contact with the bottom parts (4d) of the ribbings (4) of the second half element (2). The cooling tower filling is made with a plurality of said packing elements (100) set alongside each other . The sides (4b) of the ribbings can be made like a lattice (6). <IMAGE>

IPC 1-7
F28F 25/08

IPC 8 full level
F28F 25/08 (2006.01)

CPC (source: EP)
F28F 25/087 (2013.01); **F28F 2245/08** (2013.01)

Cited by
EA013171B1; EP2853852A1; US8834058B2; US11293705B2; WO2006099873A1; WO2009100808A1; WO2020106919A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1152205 A2 20011107; EP 1152205 A3 20020612; EP 1152205 B1 20040721; AT E271682 T1 20040815; DE 60104356 D1 20040826; IT 1317456 B1 20030709; IT MI20000971 A0 20000504; IT MI20000971 A1 20011104

DOCDB simple family (application)
EP 01110833 A 20010504; AT 01110833 T 20010504; DE 60104356 T 20010504; IT MI20000971 A 20000504