

Title (en)

CLEANING SYSTEM FOR SURFACES EXPOSED TO POOR WEATHER CONDITIONS

Title (de)

REINIGUNGSVORRICHTUNG FÜR DEM WETTER AUSGESETZTE OBERFLÄCHEN

Title (fr)

SYSTEME DE NETTOYAGE POUR SURFACES EXPOSEES AUX INTEMPERIES

Publication

EP 1529142 A1 20050511 (DE)

Application

EP 02758460 A 20020811

Priority

EP 0208995 W 20020811

Abstract (en)

[origin: WO2004018794A1] The invention concerns a cleaning system for surfaces exposed to poor weather conditions, in particular roof surfaces, solar heating systems or glass roofs. Said system comprises a plurality of reactive surfaces containing copper which produce, under the effect of natural moisture, compounds having a cleaning action, preferably of substances which eliminate bacteria, algae, fungi and/or lichens or at least stop their growth and/or eliminate pollutants derived from the environment. The invention is characterized in that the reactive surfaces are made of pure copper.

IPC 1-7

E04D 13/00

IPC 8 full level

C22F 1/08 (2006.01); **E04D 13/00** (2006.01)

IPC 8 main group level

E04D (2006.01)

CPC (source: EP US)

E04D 13/002 (2013.01 - EP US); **F24S 40/20** (2018.05 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/40** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 2004018794 A1 20040304; AU 2002324050 A1 20040311; CA 2508872 A1 20040304; CN 100434637 C 20081119; CN 1650080 A 20050803; EP 1529142 A1 20050511; HU P0500380 A2 20050829; NO 20050194 D0 20050113; NO 20050194 L 20050418; US 2005103409 A1 20050519

DOCDB simple family (application)

EP 0208995 W 20020811; AU 2002324050 A 20020811; CA 2508872 A 20020811; CN 02829442 A 20020811; EP 02758460 A 20020811; HU P0500380 A 20020811; NO 20050194 A 20050113; US 90589305 A 20050125