

Title (en)
UV IRRADIATION UNIT

Title (de)
UV-BESTRAHLUNGSAGGREGAT

Title (fr)
APPAREIL A RAYONNEMENT UV

Publication
EP 1794523 B1 20080409 (DE)

Application
EP 05797763 A 20050928

Priority
• EP 2005010454 W 20050928
• DE 102004047868 A 20041001

Abstract (en)
[origin: WO2006037525A1] The invention relates to a UV irradiation unit comprising a housing (10), a rod-shaped lamp (12) which is arranged therein, a reflector (14) which extends along the UV-lamp (12) and which defines a lamp chamber (22) which surrounds the UV-lamp (12), in addition to a channel system (20) for guiding a cooling coolant through the reflector (14). According to the invention, the channel system (20) is arranged on the outside of the lamp chamber (22) such that it remains void of the coolant flow (24) for operating the lamp in an optimum manner.

IPC 8 full level
F26B 3/28 (2006.01)

CPC (source: EP US)
F21V 15/01 (2013.01 - US); **F21V 29/505** (2015.01 - EP US); **F21V 29/60** (2015.01 - EP US); **F21V 29/83** (2015.01 - EP US);
F26B 3/28 (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2006037525 A1 20060413; AT E391891 T1 20080415; DE 502005003678 D1 20080521; DK 1794523 T3 20080728;
EP 1794523 A1 20070613; EP 1794523 B1 20080409; ES 2303689 T3 20080816; US 2008315133 A1 20081225

DOCDB simple family (application)
EP 2005010454 W 20050928; AT 05797763 T 20050928; DE 502005003678 T 20050928; DK 05797763 T 20050928; EP 05797763 A 20050928;
ES 05797763 T 20050928; US 66444105 A 20050928