

Title (en)
Curved perforated plate

Title (de)
Gekrümmte perforierte Platte

Title (fr)
Plaquette perforée courbée

Publication
EP 2712679 B1 20160406 (FR)

Application
EP 13005660 A 20090828

Priority
• FR 0900192 A 20090116
• EP 09737039 A 20090828

Abstract (en)
[origin: WO2010081939A1] Device for spraying jets of water comprising a body (4) defining a chamber (6) and delimiting a longitudinal outlet (7) to the exterior, and a single one-piece plate (1) containing perforations which is interposed between the chamber (6) and the outlet (7) and is supported by two longitudinal bearing faces (3) that are curved to give a curved surface having the same longitudinal generatrix, its concavity being turned towards the outlet (7).

IPC 8 full level
D04H 18/04 (2012.01); **B05B 1/20** (2006.01); **B05B 1/26** (2006.01)

CPC (source: EP)
D04H 18/04 (2013.01); **B05B 1/20** (2013.01); **B05B 1/26** (2013.01)

Citation (examination)
• JP H10246946 A 19980914 - FUJI PHOTO FILM CO LTD
• WO 2009090084 A1 20090723 - BOEHRINGER INGELHEIM PHARMA [DE], et al
• JP H1176871 A 19990323 - YAMAHO KOGYO KK

Designated contracting state (EPC)
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)
WO 2010081939 A1 20100722; CN 102271820 A 20111207; CN 102271820 B 20150624; EP 2387470 A1 20111123; EP 2387470 B1 20151223; EP 2712679 A1 20140402; EP 2712679 B1 20160406; ES 2562347 T3 20160303; FR 2941158 A1 20100723; FR 2941158 B1 20140718

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FR 2009001043 W 20090828; CN 200980154262 A 20090828; EP 09737039 A 20090828; EP 13005660 A 20090828; ES 09737039 T 20090828; FR 0900192 A 20090116