

Title (en)
SAFETY VALVE AND ANTI-RADIATION DEVICE

Title (de)
SICHERHEITSVENTIL UND STRAHLUNGSSCHUTZVORRICHTUNG

Title (fr)
DISPOSITIF DE SOUPAPE DE SÉCURITÉ ET DE PROTECTION ANTI-RAYONNEMENT

Publication
EP 2805332 B1 20170301 (FR)

Application
EP 12706876 A 20120116

Priority
FR 2012050091 W 20120116

Abstract (en)
[origin: WO2013107950A1] The subject matter of the present invention is a safety valve and anti-radiation device comprising a safety valve (1) and an anti-radiation partitioning or opening and closing member (2) comprising a main structure made from radiation shielding material (3) extending between the opposing faces (2a) or (2b) of said member and a fluid passage cavity (4) closed by said valve and traversing the member, emerging on each opposing face by means of an opening (4a) or (4b). The device comprises at least one shield (5a) or (5b) fixed to one or the other of said opposing faces, comprising an additional or complementary structure made from radiation shielding material (3') or (3'') covering one of said openings in such a way as to stop or block any radiation likely to cross the cavity and/or the member while allowing the passage of a fluid under overpressure into said cavity with a view to allowing it to be discharged.

IPC 8 full level
G21F 7/01 (2006.01); **G21F 7/005** (2006.01)

CPC (source: EP)
G21F 7/005 (2013.01); **G21F 7/01** (2013.01)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013107950 A1 20130725; CN 104137188 A 20141105; CN 104137188 B 20170721; EP 2805332 A1 20141126; EP 2805332 B1 20170301

DOCDB simple family (application)
FR 2012050091 W 20120116; CN 201280070143 A 20120116; EP 12706876 A 20120116