

Title (en)
Fire valve

Title (de)
Brandschutzklappe

Title (fr)
Clapet coupe-feu

Publication
EP 2239015 B1 20190501 (FR)

Application
EP 10305285 A 20100323

Priority
FR 0952318 A 20090409

Abstract (en)
[origin: EP2239015A1] The valve has a frame (50) and a tunnel (10) in which a butterfly damper (200) is pivotably mounted around an axis. A body (100) of the valve and the butterfly damper are produced by assemblies (211) of cut and pasted refractory plates (11, 51) i.e. sand-lime plate. The assembly forming the body and the assembly forming the butterfly damper are provided with steel reinforcements (60, 70). The reinforcements are attached onto an outer side of an assembly of the tunnel and the frame. Reinforcements (240, 250) of the butterfly damper are attached onto both sides of a blade.

IPC 8 full level
A62C 2/12 (2006.01)

CPC (source: EP US)
A62C 2/12 (2013.01 - EP US)

Citation (examination)
BE 890275 A 19820309 - WAUTIER JACQUES

Cited by
CN102537461A; FR3018891A1; WO2015140463A1

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)
EP 2239015 A1 20101013; EP 2239015 B1 20190501; CN 102369043 A 20120307; CN 102369043 B 20140108; EP 2416851 A1 20120215; FR 2944212 A1 20101015; FR 2944212 B1 20120323; HU E047338 T2 20200428; US 2012108162 A1 20120503; US 9433810 B2 20160906; WO 2010116065 A1 20101014

DOCDB simple family (application)
EP 10305285 A 20100323; CN 201080012889 A 20100323; EP 10715963 A 20100323; FR 0952318 A 20090409; FR 2010050520 W 20100323; HU E10305285 A 20100323; US 201013260776 A 20100323