

Title (en)

Valve closure mechanism and an air blast valve using said valve closure mechanism

Title (de)

Ventilverschlussmechanismus und Druckluftventil mit diesem Ventilverschlussmechanismus

Title (fr)

Mécanisme de fermeture de soupape et soupape de soufflé d'air utilisant ledit mécanisme

Publication

EP 2910284 A2 20150826 (EN)

Application

EP 15152126 A 20150122

Priority

IL 23114014 A 20140224

Abstract (en)

A valve closure mechanism having a moveable plate (28) that is displaceable relative to at least one fixed plate (26, 27), each of the plates having perforations (30, 31) that are mutually offset between one plate and another, so that in an open position of the valve the perforations in each plate allow air to pass therethrough and in a closed position of the valve the moveable plate makes abutting contact with the at least one fixed plate such that at least some of the perforations in each plate are sealed by the plate complementary thereto.

IPC 8 full level

A62C 4/00 (2006.01)

CPC (source: EP)

A62C 4/00 (2013.01)

Citation (applicant)

- US 2006065316 A1 20060330 - HORTON DAVID R [AU]
- US 6824117 B2 20041130 - HORTON DAVID R [AU]
- WO 9927283 A1 19990603 - TERRAGNI ARNALDO [IT], et al
- CA 2238593 A1 19981130 - BULTON ENTPR CO LTD [TW]
- US 7527663 B2 20090505 - RIEDO HANS [CH]
- AIR BLAST PROTECTION VALVE, 28 February 2013 (2013-02-28)

Cited by

CN110496337A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2910284 A2 20150826; IL 231140 A0 20140831; SG 10201500395U A 20150929

DOCDB simple family (application)

EP 15152126 A 20150122; IL 23114014 A 20140224; SG 10201500395U A 20150119