

Title (en)

Explosion-proof cupboard and explosion-protecting arrangement

Title (de)

Explosionsschutzschrank und Explosionsschutzanordnung

Title (fr)

Armoire et ensemble pour la protection contre des explosions

Publication

EP 1580340 A2 20050928 (DE)

Application

EP 05003835 A 20050223

Priority

DE 102004015112 A 20040327

Abstract (en)

Explosion-proof cabinet (10) comprises a receiving chamber with a gas-permeable open side. All the other side walls (28, 32, 34) are sealed in a gas-tight manner. The open side faces into the open air. An independent claim is also included for an explosion-proof arrangement in a room with an outer wall (38) having an opening on which the above explosion-proof cabinet is positioned with its open side.

Abstract (de)

Es wird ein Explosionsschutzschrank mit einem Aufnahmeraum (12) vorgeschlagen, welcher eine gasdurchlässige offene Seite (36) umfaßt und an allen anderen Seiten (28,30,32,34,20) gasdicht geschlossen ist, wobei die offene Seite ins Freie (18) weist.

IPC 1-7

E04B 1/98

IPC 8 full level

E04H 9/06 (2006.01); **E04B 1/94** (2006.01); **E04B 1/98** (2006.01); **E04H 9/10** (2006.01)

CPC (source: EP)

E04H 9/06 (2013.01)

Citation (applicant)

- US 5983578 A 19991116 - HUTTIE A DAVID [US], et al
- US 3334597 A 19670808 - RUSKIN FRANCES R, et al
- US 3104628 A 19630924 - FRED GASCHÉ

Cited by

CN115680326A; CN113745603A; CN102312492A; CN105157928A; GB2512981A; GB2512981B; CN117307965A; US10175156B2; WO2015118293A1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1580340 A2 20050928; **EP 1580340 A3 20100901**; **EP 1580340 B1 20120222**; AT E546600 T1 20120315; DE 102004015112 A1 20051027; DK 1580340 T3 20120618

DOCDB simple family (application)

EP 05003835 A 20050223; AT 05003835 T 20050223; DE 102004015112 A 20040327; DK 05003835 T 20050223