

Title (en)

DEVICE FOR SEALED CONNECTION BETWEEN TWO CONTAINMENT ENCLOSURES FOR IMPROVED SEALING

Title (de)

VORRICHTUNG ZUR ABDICHTETEN VERBINDUNG ZWEIER SICHERHEITSBEHÄLTER MIT VERBESSERTER ABDICHTUNG

Title (fr)

DISPOSITIF DE JONCTION ETANCHE ENTRE DEUX ENCEINTES DE CONFINEMENT OFFRANT UNE ETANCHEITE AMELIOREE

Publication

EP 4055615 A1 20220914 (FR)

Application

EP 20816273 A 20201105

Priority

- FR 1912409 A 20191105
- FR 2020052008 W 20201105

Abstract (en)

[origin: WO2021089950A1] Device for a sealed connection between two doors provided, respectively, with a coaxial complementary flange having a cylindrical coupling interface, one of the doors and the flange of the other door being provided with at least one peripheral seal, wherein each of the peripheral seals comprises an annular seal body extended in the outer peripheral portion thereof by an annular bead, and wherein the door and the flange having the seals comprise a tubular bearing surface complementary to the outer peripheral face of the seal body on the one hand and a circular groove for engagement with the bead on the other hand.

IPC 8 full level

G21F 5/12 (2006.01); **F16J 13/18** (2006.01); **G21F 7/005** (2006.01)

CPC (source: EP US)

F16J 13/18 (2013.01 - EP US); **F16J 15/06** (2013.01 - US); **G21F 5/12** (2013.01 - EP); **G21F 7/005** (2013.01 - EP)

Citation (search report)

See references of WO 2021089950A1

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)

FR 3102823 A1 20210507; **FR 3102823 B1 20230303**; CN 114787942 A 20220722; EP 4055615 A1 20220914; JP 2023501268 A 20230118; US 2022397195 A1 20221215; WO 2021089950 A1 20210514

DOCDB simple family (application)

FR 1912409 A 20191105; CN 202080075136 A 20201105; EP 20816273 A 20201105; FR 2020052008 W 20201105; JP 2022525582 A 20201105; US 202017774671 A 20201105