

Title (en)

Tunnel including safety structures for evacuating persons

Title (de)

Tunnel mit Sicherheitsstrukturen zur Evakuierung von Personen

Title (fr)

Tunnel avec dispositifs de sécurité pour l'évacuation de personnes

Publication

**EP 2208858 B1 20160831 (EN)**

Application

**EP 09176893 A 20091124**

Priority

IT MI20090030 A 20090115

Abstract (en)

[origin: EP2208858A1] The present invention relates to a tunnel (1) including safety structures for evacuating persons, said tunnel comprises a hanging passage or drift (2), comprising a plurality of adjoining modular elements (3), connected to and suspended from the tunnel vault by connecting and suspending tie-rods (8), the modular elements including elements having a central walking-on portion (4) and side walls (5), the end portions of which are tightly engaged with the tunnel vault (6), the tunnel further comprising, at preset spacings, a plurality of controlled access arrangements (30), for communicating the tunnel floor and the hanging or suspended drift.

IPC 8 full level

**E21F 11/00** (2006.01)

CPC (source: EP)

**E21F 11/00** (2013.01)

Cited by

JP2016138431A

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 2208858 A1 20100721; EP 2208858 B1 20160831; IT 1392507 B1 20120309; IT MI20090030 A1 20100716**

DOCDB simple family (application)

**EP 09176893 A 20091124; IT MI20090030 A 20090115**