

Title (en)  
Covering structure for a roadway

Title (de)  
Abdeckstruktur für eine Fahrbahn

Title (fr)  
Structure de recouvrement pour une chaussée

Publication  
**EP 2740896 A1 20140611 (EN)**

Application  
**EP 13195969 A 20131206**

Priority  
IT BS20120172 A 20121207

Abstract (en)  
A covering structure (100) for a roadway (250) at the entrance/ exit of a tunnel (200) comprising a supporting frame (50) surmounting at least in part the roadway (250) and extending in a direction longitudinal to the road for at least a length (52) leading to the entrance and/ or a length (54) following the exit of the tunnel (200). The structure further comprises a plurality of covering panels (70) arranged on the supporting frame (50). In particular, the covering panels are arranged along the longitudinal direction in order to create an alternate sequence of shielding areas (72) against the solar light combined with areas (74) where the solar light passes, to obtain a progressive and gradual lightning change on the roadway along the length (52) leading to the entrance of the tunnel and/ or along the length (54) following the exit of the tunnel and to maximize the safety for the passing vehicle drivers.

IPC 8 full level  
**E21D 9/14** (2006.01)

CPC (source: EP)  
**E21D 9/14** (2013.01); **E04B 1/3205** (2013.01)

Citation (applicant)  
• FR 2693228 A1 19940107 - BIGAZZI ANDRE [FR]  
• US 4885879 A 19891212 - PLANTIER JEAN-LOUIS [FR]  
• GB 1177542 A 19700114 - REBOUL FRANCOIS [FR], et al

Citation (search report)  
• [XYI] FR 2693228 A1 19940107 - BIGAZZI ANDRE [FR]  
• [Y] US 4885879 A 19891212 - PLANTIER JEAN-LOUIS [FR]  
• [I] GB 1177542 A 19700114 - REBOUL FRANCOIS [FR], et al

Cited by  
CN107956479A; JP2020159139A; CN113152322A; CN107355231A

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 2740896 A1 20140611**; IT BS20120172 A1 20140608

DOCDB simple family (application)  
**EP 13195969 A 20131206**; IT BS20120172 A 20121207