

Title (en)
ROAD SHELTERING AND OPTIMIZATION

Title (de)
STRASSENSCHUTZ UND -OPTIMIERUNG

Title (fr)
MISE À L'ABRI ET OPTIMISATION DE ROUTE

Publication
EP 2501859 A2 20120926 (EN)

Application
EP 10832147 A 20101118

Priority
• US 26239809 P 20091118
• US 2010057136 W 20101118

Abstract (en)
[origin: US2011113705A1] A structure for sheltering and optimizing highway systems includes an arcuate structure extending over a highway and a cover over the structure to create an enclosure. The enclosure protects the highway and users of the highway from rain, snow and sun while the surrounding scenery remains visible to drivers. A number of different additions optimize use of the highway. For example, a plurality of solar panels are layered on the cover and wind turbines are used to create usable energy, an air current generation system reduces wind resistance on vehicles to increase gas mileage, and an elevated rail system transports many persons great distances along the highway.

IPC 8 full level
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CPC (source: EP US)
E01C 1/002 (2013.01 - EP US); **E04B 7/08** (2013.01 - EP US); **F03D 3/0427** (2013.01 - US); **F03D 9/007** (2013.01 - EP); **F03D 9/11** (2016.05 - US); **F03D 9/25** (2016.05 - US); **F03D 9/46** (2016.05 - US); **F03D 13/20** (2016.05 - EP US); **H02S 10/12** (2014.12 - US); **F05B 2240/13** (2013.01 - EP US); **F05B 2240/213** (2013.01 - EP US); **F05B 2240/911** (2013.01 - EP US); **F05B 2240/9113** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP); **Y02E 10/728** (2013.01 - EP US); **Y02E 10/74** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP)

Citation (search report)
See references of WO 2011063068A2

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