

Title (en)

WATER-BALLASTED PROTECTION BARRIER

Title (de)

WASSERBALLASTIERTE SCHUTZBARRIERE

Title (fr)

BARRIERE DE PROTECTION A BALLAST REMPLI D'EAU

Publication

EP 2356285 A4 20140101 (EN)

Application

EP 08878186 A 20081114

Priority

US 2008083691 W 20081114

Abstract (en)

[origin: WO2010056251A1] A water-ballasted barrier system incorporates a concave reflective design, wherein outer walls of the barrier segment are configured in a concave manner. The concave section is designed to prevent the tire of a vehicle, impacting the barrier, from climbing up the side of the barrier segment, by pocketing the tire in the curved center portion of the barrier wall. Adjacent barrier segments are attached together using an interlocking knuckle design, having a lug pin connection system. In some embodiments, wire rope cable is internally molded into each barrier segment to strengthen the barrier system.

IPC 8 full level

E01F 13/00 (2006.01); **E01F 15/08** (2006.01)

CPC (source: EP)

E01F 15/086 (2013.01); **E01F 15/088** (2013.01)

Citation (search report)

- [A] US 6086285 A 20000711 - CHRISTENSEN MARC E [US]
- [A] US 2007098490 A1 20070503 - CHRISTENSEN MARC E [US]
- See references of WO 2010056251A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2010056251 A1 20100520; EP 2356285 A1 20110817; EP 2356285 A4 20140101; EP 2356285 B1 20150715; JP 2012508839 A 20120412; JP 5571678 B2 20140813

DOCDB simple family (application)

US 2008083691 W 20081114; EP 08878186 A 20081114; JP 2011536296 A 20081114