

Title (en)  
BARRIER WITH CABLE SYSTEM

Title (de)  
BARRIERE MIT KABELSYSTEM

Title (fr)  
BARRIÈRE AVEC SYSTÈME DE CÂBLE

Publication  
**EP 4041968 A4 20231101 (EN)**

Application  
**EP 20873091 A 20201002**

Priority  
• US 201962910189 P 20191003  
• US 2020053880 W 20201002

Abstract (en)  
[origin: US2021102351A1] A protective barrier includes a first end piece configured to be anchored and secured to a surface, a second end piece configured to be anchored and secured to the surface, a rail extending between the first end piece and the second end piece, and a cable extending through the rail and having a first end attached to the end piece and a second end attached to the second end piece. The rail has a first end mechanically coupled to the first end piece and a second end mechanically coupled to the second end piece.

IPC 8 full level  
**E04H 17/14** (2006.01); **E01F 15/06** (2006.01); **E01F 15/14** (2006.01); **E04H 17/20** (2006.01); **H01B 7/02** (2006.01); **H02G 3/04** (2006.01)

CPC (source: EP US)  
**E01F 15/06** (2013.01 - EP); **E01F 15/14** (2013.01 - EP); **E01F 15/141** (2013.01 - EP US); **E01F 15/143** (2013.01 - EP US);  
**E04H 17/1417** (2013.01 - US); **E04H 17/1447** (2021.01 - US); **E04H 17/1465** (2021.01 - US); **E04H 17/23** (2021.01 - US)

Citation (search report)  
• [X] KR 20090105123 A 20091007 - UNIT ENGINEERING CO LTD [KR], et al  
• [X] WO 0023658 A1 20000427 - SNOLINE SPA [IT], et al  
• [XYI] US 4075473 A 19780221 - WINSTON GEORGE  
• [X] EP 0743398 A1 19961120 - SPIG SCHUTZPLANKEN PROD GMBH [DE]  
• [Y] US 2018283040 A1 20181004 - MCCUE DAVID S [US], et al

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

DOCDB simple family (publication)  
**US 2021102351 A1 20210408**; EP 4041968 A1 20220817; EP 4041968 A4 20231101; WO 2021067652 A1 20210408

DOCDB simple family (application)  
**US 202017061593 A 20201002**; EP 20873091 A 20201002; US 2020053880 W 20201002