

Title (en)
MONITORING THE STRUCTURAL INTEGRITY OF DAM STRUCTURES

Title (de)
ÜBERWACHUNG DER STRUKTURELLEN INTEGRITÄT VON ABSPERRBAUWERKEN

Title (fr)
SURVEILLANCE DE L'INTÉGRITÉ STRUCTURELLE D'OUVRAGES DE RETENUE

Publication
EP 3186446 A1 20170705 (DE)

Application
EP 15757242 A 20150828

Priority
• DE 102014112383 A 20140828
• EP 2015069792 W 20150828

Abstract (en)
[origin: WO2016030527A1] The invention relates to a method for recognizing structural changes in a crest (101) of a dam structure (100), wherein a test signal is transmitted via a test signal line (150) in the form of a cable that is located in the area of the crest (101) of the dam structure (100), and a structural change in the crest (101) of the dam structure (100) is recognized on the basis of an analysis of the transmitted test signal, said analysis of the transmitted test signal including a distributed strain measurement.

IPC 8 full level
E02B 3/10 (2006.01); **E02B 7/02** (2006.01); **G01D 5/353** (2006.01); **G01M 5/00** (2006.01)

CPC (source: EP)
E02B 3/10 (2013.01); **E02B 7/02** (2013.01); **G01M 5/0025** (2013.01); **G01M 5/0033** (2013.01); **G01M 5/0083** (2013.01); **G01M 5/0091** (2013.01); **G01D 5/35364** (2013.01)

Citation (search report)
See references of WO 2016030527A1

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)
DE 102014112383 A1 20160303; EP 3186446 A1 20170705; WO 2016030527 A1 20160303

DOCDB simple family (application)
DE 102014112383 A 20140828; EP 15757242 A 20150828; EP 2015069792 W 20150828