

Title (en)
DISCRETE SACRIFICIAL ANODE ASSEMBLY

Title (de)
DISKRETE OPFERANODENANORDNUNG

Title (fr)
ENSEMBLE ANODE SACRIFICIELLE DISCRÈTE

Publication
EP 2262926 A1 20101222 (EN)

Application
EP 09719507 A 20090309

Priority
• GB 2009050232 W 20090309
• GB 0804389 A 20080310

Abstract (en)
[origin: GB2458268A] A method of use of a sacrificial anode to protect steel in concrete is described. A shallow cavity 1 in the concrete surface 2 is provided and partially filled with a backfill composition 3; the sacrificial anode 4 is then inserted into the backfill 3 and further covered with more backfill 3. The cavity 1 is next covered with a tape 5 that extends over the adjacent concrete surfaces 2 on opposite sides of the sacrificial anode 4 and backfill, and the tape 5 is then attached to the concrete surface 2 with the adhesive. The anode 4 may be connected to a titanium wire 6 to form an impressed current connection. The backfill 3 may also be located on the concrete surface 2, with the anode 4 superimposed: tape 5 and adhesive is then used to ensure that the anode 4 and backfill 3 are attached to the concrete surface 2. A water repellent primer coating may also be applied prior to adhering the tape 5.

IPC 8 full level
C23F 13/06 (2006.01)

CPC (source: EP GB)
C23F 13/06 (2013.01 - EP); **C23F 13/10** (2013.01 - GB); **C23F 13/16** (2013.01 - GB); **C23F 13/18** (2013.01 - EP); **C23F 13/20** (2013.01 - GB); **C23F 2201/02** (2013.01 - EP GB); **C23F 2213/21** (2013.01 - EP)

Citation (examination)
US 5292411 A 19940308 - BARTHOLOMEW JOHN J [US], et al

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
GB 0804389 D0 20080416; **GB 2458268 A 20090916**; EP 2262926 A1 20101222; GB 0904034 D0 20090422; GB 2461360 A 20100106; GB 2461360 A8 20190508; GB 2461360 B 20110720; GB 2461360 B8 20190508; WO 2009112857 A1 20090917

DOCDB simple family (application)
GB 0804389 A 20080310; EP 09719507 A 20090309; GB 0904034 A 20090309; GB 2009050232 W 20090309