

Title (en)
Cracking-inducing vehicle and method

Title (de)
Risseinleitendes Fahrzeug und Verfahren

Title (fr)
Véhicule à induction de fissures et procédé

Publication
EP 1921209 A1 20080514 (EN)

Application
EP 07021816 A 20071109

Priority
GB 0622338 A 20061109

Abstract (en)
This invention relates to methods and apparatus for inducing planes of weakness in hydraulically bound materials, for example roller compacted concrete. A crack inducer vehicle for fabricating pre-cracked hydraulically bound materials, the vehicle comprising: a groove former to form a groove in fresh hydraulically bound material prior to curing, said groove former having a first, lowered position for forming a groove in said fresh hydraulically bound material, and a second, raised position; and a system to apply a de-bonding agent into said groove such that when said hydraulically bound material has cured it preferentially cracks along a said groove.

IPC 8 full level
E01C 23/02 (2006.01)

CPC (source: EP GB US)
B28D 7/00 (2013.01 - GB); **E01C 23/026** (2013.01 - EP US); **E01C 23/0973** (2013.01 - GB)

Citation (applicant)

- EP 0242881 A2 19871028 - HEILIT & WOERNER BAU AG [DE]
- FR 2754551 A1 19980417 - TELECOMMUNICATIONS SA [FR]
- ES 2254006 A1 20060601 - NECSO ENTRECANALES CUBIERTAS S [ES]
- EP 1752581 A1 20070214 - HERNANDEZ OCHANDO JOSE LUIS [ES]

Citation (search report)

- [XY] EP 0242881 A2 19871028 - HEILIT & WOERNER BAU AG [DE]
- [Y] FR 2754551 A1 19980417 - TELECOMMUNICATIONS SA [FR]
- [X] ES 2254006 A1 20060601 - NECSO ENTRECANALES CUBIERTAS S [ES]
- [PX] EP 1752581 A1 20070214 - HERNANDEZ OCHANDO JOSE LUIS [ES]

Cited by
CN102936871A

Designated contracting state (EPC)
GB IE

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1921209 A1 20080514; GB 0622338 D0 20061220; GB 2443612 A 20080514; US 2008124172 A1 20080529

DOCDB simple family (application)
EP 07021816 A 20071109; GB 0622338 A 20061109; US 93780907 A 20071109