

Title (en)

A CUTTER AND A METHOD FOR PROVIDING A PIPING PROTECTION SYSTEM IN A DIKE BODY

Title (de)

FRÄSER UND VERFAHREN ZUR BEREITSTELLUNG EINES ROHRSCHUTZSYSTEMS IN EINEM DEICHKÖRPER

Title (fr)

FRAISE ET MÉTHODE POUR FOURNIR UN SYSTÈME DE PROTECTION CONTRE LES TUBES DANS UN CORPS DE DIGUE

Publication

**EP 2985387 A1 20160217 (EN)**

Application

**EP 15181184 A 20150816**

Priority

NL 2013332 A 20140815

Abstract (en)

The invention relates to a cutter (17) and a method for making a barrier screen in a dike body for preventing soil particles. The cutter (17) comprises: - a part (19) that is oriented vertically when in use and that comprises a supply device (21) for supplying to soil material of said dike body a binder (15) for binding soil material that has been cut by said cutter, said vertically oriented part at a lower portion thereof being provided with chisels (24) for cutting said soil material during a downward movement of said cutter (17); - as well as a part (20) that is horizontally oriented when in use and that extends at both sides of said vertical part (19) and wherein said horizontal part has parts (20) that are provided at both sides and comprises cylinders (25) that are rotatable about a horizontal rotation axis and wherein said cylinders (25) are provided with ground cultivating members (26) for mixing soil material that has been machined by said chisels (24) and said ground cultivating members (26).

IPC 8 full level

**E02B 7/06** (2006.01); **E02B 3/10** (2006.01); **E02D 3/12** (2006.01); **E02D 19/18** (2006.01)

CPC (source: EP US)

**E02B 3/04** (2013.01 - US); **E02B 3/10** (2013.01 - EP US); **E02B 3/102** (2013.01 - US); **E02B 3/12** (2013.01 - US); **E02B 3/121** (2013.01 - US); **E02D 3/126** (2013.01 - EP US); **E02D 17/18** (2013.01 - US); **E02D 17/202** (2013.01 - US); **E02D 17/207** (2013.01 - US); **E02D 19/18** (2013.01 - EP US); **E02F 3/18** (2013.01 - US); **E02F 3/20** (2013.01 - EP US); **E02F 5/08** (2013.01 - EP US); **E02F 5/10** (2013.01 - EP US); **E02F 5/22** (2013.01 - EP US); **E02F 7/06** (2013.01 - EP US); **E02B 7/06** (2013.01 - EP US)

Citation (applicant)

WO 9717497 A1 19970515 - SIDLA UND SCHOENBERGER ERDBAUG [DE]

Citation (search report)

- [X] US 7604301 B1 20091020 - LANG WILLIAM J [US]
- [XY] JP H07158055 A 19950620 - SEIKO KOGYO KK
- [XY] DE 3905463 A1 19900830 - BAUER SPEZIALTIEFBAU [DE]
- [Y] EP 1746213 A1 20070124 - CIE DU SOL [FR]
- [Y] FR 2578876 A1 19860919 - TONE BORING CO [JP]
- [Y] US 4266885 A 19810512 - NAITO KAZUAKI, 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2985387 A1 20160217**; EP 2985388 A1 20160217; NL 2013332 B1 20160922; US 2016047105 A1 20160218; US 2016047109 A1 20160218

DOCDB simple family (application)

**EP 15181184 A 20150816**; EP 15181185 A 20150816; NL 2013332 A 20140815; US 201514828478 A 20150817; US 201514828482 A 20150817