

Title (en)
APPARATUS AND METHOD FOR SEAFLOOR STOCKPILING

Title (de)
VORRICHTUNG UND VERFAHREN FÜR WARENLAGERUNG AM MEERESBODEN

Title (fr)
APPAREIL ET PROCÉDÉ D'EMPILAGE DE FOND OCÉANIQUE

Publication
EP 2694779 A4 20160608 (EN)

Application
EP 12800771 A 20120615

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Abstract (en)
[origin: WO2012171075A1] An apparatus for seafloor stockpiling that has a slurry inlet that receives slurry from a seafloor tool via a slurry transfer pipe and walls that, together with the seafloor, define a cavity having a stockpiling volume. The walls are made substantially of a water permeable material, such as a filter fabric or geotextile, that captures and contains seafloor material present in slurry received from the slurry inlet, while permitting egress of water from the slurry. In a preferred form the seafloor stockpiling device is a hood with an open bottom that is located on a seafloor surface.

IPC 8 full level
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Citation (search report)
• [IY] WO 2009078731 A2 20090625 - ONSITE TREAT TECHNOLOGIES AS [NO], et al
• [YA] US 5004051 A 19910402 - ROSENDAHL FINN [NO], et al
• [XY] WO 2009120090 A2 20091001 - ONSITE TREAT TECHNOLOGIES AS [NO], et al
• [YA] US 7086472 B1 20060808 - INCORONATO ARNE [NO]
• [A] WO 2005093215 A1 20051006 - YOON GIL SU [KR], et al
• [A] WO 2009148327 A1 20091210 - OTT SUBSEA BAG TECHNOLOGY AS [NO], et al
• [A] US 4133761 A 19790109 - POSGATE EDWARD S
• See references of WO 2012171075A1

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