

Title (en)

Process and device for depositing loose material under water, in particular covering a pipe or the like.

Title (de)

Verfahren und Vorrichtung zum Deponieren von lockerem Erdreich unter Wasser, insbesondere zum Abdecken eines Rohres oder dergleichen.

Title (fr)

Procédé et dispositif pour déposer des matériaux en vrac sous l'eau, notamment pour recouvrir un tuyau ou similaire.

Publication

EP 0322935 A1 19890705 (EN)

Application

EP 88202340 A 19881019

Priority

NL 8703137 A 19871224

Abstract (en)

Process and device for depositing loose material (19), such as sand, under water by feeding a mixture of water and material through a tube (12) or hose (21) towards the area of the bottom of the body of water, which tube (12) or hose (21) over a length which extends adjacent to the said bottom has a succession of outflow openings (13,22) the outflow capacity of which in total is substantially the same as the quantity of mixture per unit time flowing through the tube (12) or hose (21). The tube (12) or hose (21) may cooperate with downwardly extending flaps (16,16 min ,16 sec ,16""), disposed over the top of the length of tube (12) or hose (21) provided with the outflow openings (13,22).The tube may be a funnel (32).

IPC 1-7

E02F 3/90; **E02F 5/10**; **E02F 5/12**; **E02F 5/14**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] NL 7806662 A 19791227 - SEDIMENT SCIENCE LIMITED
- [A] WO 8300060 A1 19830106 - SKROEDER CARL PETER
- [A] NL 8201952 A 19831201 - BAGGERMAATSCHAPPIJ HOLLAND B V
- [A] NL 6901482 A 19690425

Cited by

NL2013770B1; EP0816574A1; ITMI20110556A1; EA025545B1; GB2473471A; GB2473471B; US2020080282A1; US10858802B2; US9273445B2; WO2012137175A1; WO2016076709A3

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