

Title (en)

Method and device for ground improvement with a powder binder

Title (de)

Verfahren und Vorrichtung zur Bodenverbesserung mittels pulvrigen Bindemittel

Title (fr)

Procédé et dispositif pour amélioration des sols avec un liant à poudre

Publication

EP 0903440 B1 20020522 (DE)

Application

EP 98117318 A 19980912

Priority

DE 29716673 U 19970917

Abstract (en)

[origin: EP0903440A2] The appliance feeds a binding agent into especially cohesive grounds with high water content. it has a charging container (22) for the agent, with a charging aperture (26), and a ventilation aperture open to the surroundings. A feeder tube (23) connected to the bottom of the container has a discharge opening (34) near its lower end which is closed by a controllable closure device. A vibrator device (24) is positioned within the feeder tube near its lower end and a filling level sensor (41) is also located near the lower end. The feeder tube is elastically suspended from the material container.

IPC 1-7

E02D 3/12; **E02D 19/16**

IPC 8 full level

E02D 3/12 (2006.01); **E02D 19/16** (2006.01)

CPC (source: EP)

E02D 3/08 (2013.01); **E02D 3/12** (2013.01); **E02D 19/16** (2013.01)

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EP 0903440 A2 19990324; **EP 0903440 A3 19991117**; **EP 0903440 B1 20020522**; AT E217930 T1 20020615; DE 29716673 U1 19980102; DE 59804183 D1 20020627

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