

Title (en)
SOIL PENETRATING DEVICE

Title (de)
BODENDURCHDRINGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF PÉNÉTRANT DANS LE SOL

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Application
EP 18789232 A 20180906

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Abstract (en)
[origin: WO2019054855A1] The invention relates to a soil penetrating device, comprising: a liquid feed line configured for feeding a pressurized liquid, and a soil penetrating lance comprising a substantially straight hollow cylinder having a first end with an liquid inlet and a second end with an liquid outlet, wherein the first end is in fluid communication with the liquid reservoir, wherein the soil penetrating lance is configured for transporting the pressurized liquid from the first end to the second end and for ejecting pressurized liquid supplied by the liquid reservoir from the liquid outlet as the soil penetrating lance is inserted in the soil by penetration, the soil penetrating device further comprising an imaging device which is provided within the soil penetrating lance, wherein the imaging device faces the liquid outlet and is configured for imaging the environment adjacent to the second end of the soil penetrating lance.

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