

Title (en)

Device and method for manufacturing vertical walls in a foundation soil

Title (de)

Vorrichtung und Verfahren zum Herstellen von vertikalen Wänden im Baugrund

Title (fr)

Dispositif et procédé de fabrication de murs verticaux dans un sol de fondation

Publication

EP 2410092 B1 20130320 (DE)

Application

EP 11005268 A 20110628

Priority

DE 102010027607 A 20100720

Abstract (en)

[origin: EP2410092A1] The device has multiple inclined sensors (4) arranged in different heights at rod-like mixing tools (5). The sensors determine an inclination of rotational axes of the tools along two directions to an upright. The sensors are combined into a measuring chain. The sensors are guided into an interior of a bore tube of the tools. A control device is provided at the tools for adjusting a preset rotational angle of the axes of the tools. The measurements of the inclination of the axes are carried out by the sensors in different immersion depths of the tools with the same rotational angle. An independent claim is also included for a method for constructing vertical walls in a foundation soil.

IPC 8 full level

E02D 3/12 (2006.01); **E02D 5/18** (2006.01); **E21B 47/022** (2012.01)

CPC (source: EP)

E02D 3/126 (2013.01); **E02D 5/187** (2013.01)

Cited by

CN113006175A; CN103471655A; EP2666911A1

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