

Title (en)

A PROCESS FOR BUILDING A CONCRETE STRUCTURE IN LOOSE MATTER, FROM GROUND LEVEL, AND EQUIPMENT FOR CARRYING OUT SAID PROCESS

Publication

EP 0457813 B1 19930804 (EN)

Application

EP 90903056 A 19900201

Priority

NO 890420 A 19890202

Abstract (en)

[origin: WO9008855A1] A process for building a concrete structure in loose matter, from ground level, by use of a rotatable erosion head (2a), and a rotatable grouting head (3a) provided with drill bits (2b and 3b), which form components of an erosion unit (2), and a grouting unit (3), respectively, which are drilled into ground (A) simultaneously and in parallel with a mutual center distance (C) to a desired depth. Erosion head (2a) is raised during simultaneous erosion of the bore hole (4) walls at the same time as grouting head (3a) is raised slightly displaced downwards relative to erosion head (2a) during supply of grouting material, e.g. concrete (D), under pressure for grouting the expanded bore hole (4a) and simultaneous expulsion of the eroded loose material (E).

IPC 1-7

E02D 3/12

IPC 8 full level

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CPC (source: EP KR)

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