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Patent Register - [2022/13139]

Patent number
2022/13139

Title of invention
CASTABLE AND CURABLE MAGNETIC CEMENT COMPOSITION AND METHOD FOR

Date of application
2022-12-05

Date of acceptance
2023-02-08

Date of expiry
2042-12-05

Date of grant

Type of patent
Complete

Status
Accepted

IPC Class
C04B

Patent abstract
A castable and curable magnetic cement composition, comprising, i) magnetic or magnetizable particle in the range of- 32-96%, ii) cement particles in the range of- 0.0027-2 vm, iii) aluminosilicate particle in the range of- 32-46%; iv) a binding modifier in the range of; and v) a surface-active dispersing agent in the range of 0.1-4% by weight. The method for preparing the cement composition comprises the following steps, i) mixing the particles with dispersing agent to obtain a homogeneous mixture, and ii) blending the mixture with silica-bearing additive, followed by addition of potable water to obtain the cement composition