

Title (en)
MICROCAPSULES AND CONCRETE CONTAINING THE SAME

Title (de)
MIKROKAPSELN UND BETON DAMIT

Title (fr)
MICROCAPSULES ET BÉTON CONTENANT CELLES-CI

Publication
EP 2961715 A1 20160106 (EN)

Application
EP 14709589 A 20140303

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Abstract (en)
[origin: WO2014131913A1] Microcapsules, for inclusion in concrete, adapted to reduce the area of a defect by at least 45 % in said concrete once a quantity of said microcapsules has ruptured, said microcapsules each comprising: a polymeric shell encapsulating a liquid core, wherein the polymeric shell comprises a substantially impermeable polymer layer and the liquid core comprises carbonatogenic bacterial spores, and optionally bacterial nutrients, dispersed in a liquid medium. Also disclosed is a concrete composition comprising a quantity of such microcapsules, and a method of reducing the area of a defect in concrete.

IPC 8 full level
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Citation (search report)
See references of WO 2014131913A1

Citation (examination)

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