

Title (en)
Non-slip surface coatings.

Title (de)
Rutschfeste Oberflächenschichten.

Title (fr)
Couches superficielles antidérapantes.

Publication
EP 0086626 A2 19830824 (EN)

Application
EP 83300658 A 19830210

Priority
GB 8204168 A 19820212

Abstract (en)
Rounded quartz sand particles (22) are each enclosed in a hardenable resin skin (23) which is integrated with the skins on adjacent particles and which creates a binding of the particles to a primed base (20, 21). A significant fraction of the particles may be remote from the base and only integrated with adjacent particles so that a contoured or embossed effect is created to provide a supplementary non-slip feature. In a process for forming such a surface coating the particles are wetted with a functional liquid, mixed with a binder related to the functional liquid and sprayed. The spraying process is powered by a progressive cavity pump (37) with a selection of particle/resin ratio such that the pump operates under a Sigma effect.

IPC 1-7
E04F 15/12

IPC 8 full level
E04F 15/12 (2006.01)

CPC (source: EP)
E04F 15/12 (2013.01)

Cited by
EP0723946A1; DE19802982A1; EP0743406A1; FR2734300A1; FR2827905A1; DE3929761A1; EP0743405A1; FR2734009A1; NL1006982C2; EP0743407A1; FR2734299A1; WO02066174A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0086626 A2 19830824; EP 0086626 A3 19831130; GB 2115312 A 19830907; GB 2115312 B 19850417; NO 830471 L 19830815

DOCDB simple family (application)
EP 83300658 A 19830210; GB 8204168 A 19820212; NO 830471 A 19830211