

Title (en)

Method and system for application of aggregate coatings

Title (de)

Verfahren und Vorrichtung zum Aufbringen von zusammengesetzten Beschichtungen

Title (fr)

Procédé et dispositif pour l'application des revêtements composés

Publication

EP 0879648 A3 19990414 (EN)

Application

EP 98304017 A 19980520

Priority

US 85923897 A 19970520

Abstract (en)

[origin: EP0879648A2] In a method of applying an aggregate coating to a substrate (34), aggregate particles (30) are released from a supply (26) which moves relative to the substrate. The particles free-fall towards the substrate, and are at least partially coated by liquid binder material (32) sprayed from a nozzle (54). The nozzle is also arranged to spray the portion of the substrate where the particles land. A further layer of binder can be sprayed onto the particles after they land, and a further layer of particles can be deposited on the first layer. The invention also extends to a system for carrying out the method, comprising an apparatus having a hopper (26) with release means for holding and releasing the particles (30), spray means (54) for spraying the liquid binder material (32) onto the particles (30) and the substrate (34), and supply means for supplying the liquid binder material (32) to the spray means (54), and also comprising means for moving the apparatus relative to the substrate. <IMAGE>

IPC 1-7

B05D 1/34; **B05D 1/02**; **B05B 7/14**

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CPC (source: EP)

B05B 7/1431 (2013.01); **B05D 1/34** (2013.01); **E01C 19/21** (2013.01)

Citation (search report)

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