

Title (en)

Process to improve the mixability of light hollow micro-particles with liquid coating-means and sales packing drum containing hollow micro-particles

Title (de)

Verfahren zur Verbesserung der Mischbarkeit von leichten Mikrohohlkörpern mit flüssigen Beschichtungsmitteln und Handels-Gebinde enthaltend Mikrohohlkörper

Title (fr)

Procédé pour améliorer la miscibilité de micro-corps légers et creux avec agents de revêtement liquides et emballage de vente contenant des micro-corps creux

Publication

EP 1332792 B1 20090812 (DE)

Application

EP 02002528 A 20020204

Priority

EP 02002528 A 20020204

Abstract (en)

[origin: EP1332792A1] Low-density glass or ceramic micro-balloons are esp. mixed with a suitable solvent in a process to prepare paint or a coating system for application. The solvent, e.g. water, binds the micro-balloons by adhesive forces in a suitable charge which is admixed to the paint pigment or coating agent by a retailer or end-user. The admixture of solvent forms a uniform suspension and minimises separation arising from density differences. In the process, only the micro-balloon outer surface is spray-wetted. The adhesive force is regulated by the degree of wetting. The spray application of solvent to micro-balloons minimises the escape of micro-balloons as dust to the atmosphere.

IPC 8 full level

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CPC (source: EP)

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