

Title (en)

SOL-GEL COATING COMPRISING A TEMPERATURE INDICATOR

Title (de)

SOL-GEL-BESCHICHTUNG MIT EINEM TEMPERATURINDIKATOR

Title (fr)

REVÊTEMENT SOL-GEL COMPRENANT UN INDICATEUR DE TEMPÉRATURE

Publication

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Application

EP 21734385 A 20210518

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Abstract (en)

[origin: WO2021234285A1] The present invention relates to a sol-gel coating of the surface of a household article comprising at least two decorations (a) and (b) arranged between or in its layers, (a) being a decoration comprising at least one thermochromic pigment composition in the form of particles consisting of a (Bi_{1-x}A_x)(V_{1-y}My)O₄-type pigment and optionally additives, where: - x is equal to 0 or x is from 0.001 to 0.999; - y is equal to 0 or y is from 0.001 to 0.999; - A and M are selected from the group consisting of nitrogen, phosphorus, an alkali metal, an alkaline earth metal, a transition metal, a poor metal, a metalloid or a lanthanide; - A and M are different from each other; (b) being a decoration comprising a temperature-indicating pigment composition.

IPC 8 full level

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