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USA, Inc., 2150 Eastridge Ave., Riverside, California 92507 (US).

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(74) Agent: **CABINET PLASSERAUD**; Group of Mandatories No. 280, 235 cours Lafayette, F-69006 Lyon (FR).

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(71) Applicant (for all designated States except US): **PAREXLANKO** [FR/FR]; 19 Place de la Résistance, F-92440 Issy Les Moulineaux (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DANTIN, Véronique** [FR/FR]; Centre d'Innovation PAREXLANKO, 38 rue du Montmurier, F-38291 Saint Quentin Fallavier (FR). **LEPLEY, Gérard** [FR/FR]; Centre d'Innovation PAREXLANKO, 38 rue du Montmurier, F-38291 Saint Quentin Fallavier (FR). **GONCALO, Paulo** [FR/FR]; Centre d'Innovation PAREXLANKO, 38 rue du Montmurier, F-38291 Saint Quentin Fallavier (FR). **NONES, Carlos** [US/US]; PAREX USA, Inc., 2150 Eastridge Ave., Riverside, California 92507 (US). **PAREDES, Pedro** [US/US]; PAREX

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(54) Title: REDISPERSIBLE DRY COMPOSITION OF POLYMER FINISHES OR OTHER PRODUCTS FOR THE CONSTRUCTION

(57) Abstract: The invention relates to improved non-efflorescing cement-free and water-dispersible powder building material compositions comprising a homopolymer or copolymer as binder, useful for the preparation of wet formulations of plasters grouts, waterproofing coatings or mortars for the construction and the civil engineering industry. Redispersible dry composition of polymer finish comprising: a powdery organic binder included a polymer obtained by spray-drying or lyophilisation of a dispersion containing said polymer and a protective colloid; a deprotection agent; a specific adsorbent filler; and/or a load; and/or a water retentive agent; and/or a mineral rheological agent; and/or a defoamer; and/or a biocide; and/or a pigment. The invention also refers to the methods of preparation of these dry compositions and wet formulations, the application of these latter onto the surface of buildings or civil engineering works, the so obtained coatings as well as the so coated elements. The applications of these wet formulations can be also hardened joints or other hardened products for the construction as well as hardened mass objects. All these hardened products are remarkably water-resistant, non efflorescent and easy to obtain.



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