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(54) Title (EN): ENVIRONMENTALLY FRIENDLY OLIVE LEAF PANELS

(54) Title (FR): PANNEAUX ÉCOLOGIQUES À BASE DE FEUILLES D'OLIVIER

(57) Abstract:

(EN): Innovation: It is the creation of a new material derived from a mixture of renewable natural raw materials, i.e. dried leaves (whole and/or broken - crushed and/or powdered (granulated)) olives (whole and/or part of it and/or specific varieties), as well as inorganic and/or organic and/or synthetic adhesives. The whole mixture that is created undergoes some kind of pressure-depending on its use. Not only can it be used throughout the process but it can also function as a substrate-of varied materials-in all dimensions and shapes. The invention is a new environmentally friendly-partially or fully biodegradable-material that boasts great mechanical strength and resistance to ultraviolet radiation and moisture. This invention has the potential to be used as a flat and/or a three-dimensional surface (substrate part and/or entirely) in goods, works, products and structures for interior and/or exterior use, as a decorative material, a fine art and aesthetic material as well as for the manufacture of objects (general and/or special use).

(FR): Innovation : il s'agit de la création d'un nouveau matériau issu d'un mélange de matières premières naturelles renouvelables, c'est-à-dire des feuilles séchées (entières et/ou concassées et/ou transformées en poudre (granulées)) d'oliviers (tout et/ou partie de celles-ci, et/ou des variétés spécifiques), ainsi que des adhésifs inorganiques et/ou organiques et/ou de synthèse. Le mélange entier ainsi obtenu est soumis à un certain type de pression selon son utilisation. Non seulement il peut être utilisé d'un bout à l'autre du processus, mais il peut également servir comme substrat - de divers matériaux - dans toutes les dimensions et formes. L'invention concerne un nouveau matériau écologique - partiellement ou entièrement biodégradable - qui prétend à une tenue mécanique élevée et à une grande résistance au rayonnement ultraviolet et à l'humidité. Le matériau de l'invention peut être utilisé comme surface plate et/ou tridimensionnelle (substrat partiel et/ou entier) dans des marchandises, ouvrages, produits et structures à usage intérieur et/ou extérieur, comme matériau décoratif, matériau artistique ou matériel esthétique, ainsi que pour la fabrication d'objets (d'usage général et/ou spécifique).

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