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(54) Title: PROCESS FOR THE PRODUCTION OF AN ADDITIVE FOR BITUMINOUS CONGLOMERATES WITH HIGH MECHANICAL PERFORMANCES AND ADDITIVE COMPOSITION

(57) Abstract: The present invention refers to a process for the production of an additive composition intended to be mixed into bituminous conglomerate for road paving, in other words a mixture of polymers and additives which can be used in the modification of bituminous conglomerates, bitumen and bituminous products, such as bituminous membranes, in order to provide resilience to the bituminous preparations, starting from a mixed waste material containing a mixture of plastic materials, wherein said mixture of plastic materials comprises at least one plastic material based on a polyolefin thermoplastic polymer, grinding to a particle size of 20-40 mm, washing, separating a portion of plastic material having an average density of 1.0 kg/m³ or lower and comprising the polyolefin thermoplastic polymer, grinding said plastic portion to a particle size of 10-20 mm, mixing it with PVB and further grinding to a particle size of 4-6 mm. Also additive composition obtainable by this process.



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