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(54) Title: THERMOPLASTIC STARCH COMPOSITION DERIVES FROM AGRICULTURAL WASTE

(57) Abstract: A thermoplastic starch composition acquired from compounding a mixture comprises starch-containing agricultural waste in 45 to 70% by weight of total composition that the agricultural waste contains starch content less than 50% in dry weight; thermoplastic synthetic polymer in 25 to 50% by weight of total composition; plasticizer in 1 to 10% by weight of total composition; and coupling agent in 1 to 5% by weight of total composition; wherein the compounding is performed at a first temperature which is higher than room temperature.



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