

Title (en)
PLANT MATERIAL COMPOSITIONS AND METHOD FOR PREPARING SAME

Title (de)
PFLANZENMATERIALZUSAMMENSETZUNGEN UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
COMPOSITIONS À BASE DE MATIÈRE VÉGÉTALE ET PROCÉDÉ DE PRÉPARATION DE TELLES COMPOSITIONS

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Application
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Abstract (en)
[origin: WO2011117549A1] The present invention relates to a novel thermoplastic composition, characterized in that it contains: a) 15% to 60% of at least one starchy material; b) 10% to 30% of at least one starchy material plasticizer; c) 15% to 70% of at least one polyolefin; and d) 10% to 40% of at least one plant material selected among plant fibers and plant fillers. The invention also relates to a thermoplastic composition preparation method that includes the following steps: (i) selecting at least one composition (a) containing at least one starchy material, one plasticizer of said starchy material, and one polyolefin; (ii) selecting at least one plant material (b) selected among plant fibers and plant fillers, said plant material being formed of particles, the dimensions of which are between 0.5 and 5000 micrometers; and (iii) mixing the composition (a) and the plant material (b) so as to obtain the thermoplastic composition according to the invention.

IPC 8 full level
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C-Set (source: EP US)
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7. **C08L 23/14 + C08L 2666/26**
8. **C08L 97/02 + C08L 2666/02**
9. **C08L 23/10 + C08L 51/06 + C08L 97/02 + C08L 2205/03 + C08L 2666/26**

Citation (search report)
See references of WO 2011117549A1

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