

Title (en)

PRODUCTION OF A FIBRE COMPOUND, USE OF SAME AND FIBRE COMPOUND

Title (de)

HERSTELLUNG EINES FASERVERBUNDES, DESSEN VERWENDUNG UND FASERVERBUND

Title (fr)

FABRICATION D'UN COMPOSITE EN FIBRE, SON UTILISATION ET COMPOSITE EN FIBRE

Publication

EP 2314765 B1 20171129 (DE)

Application

EP 10185955 A 20101001

Priority

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- DE 102009049148 A 20091012

Abstract (en)

[origin: EP2314765A1] Producing a fiber composition comprising at least one additive and at least one organic fibrous material including wood pulp, semi-chemical pulp, cellulose, wool, silk, linen, cotton, synthetic polymer fibers and/or other fibrous materials, comprises: adding at least one additive; changing and/or forming the structure of the fiber composition; forming a net-like fibrous structure by the fibrous material after the changing and/or forming the structure; and introducing calcium and/or magnesium compound for stabilizing the fiber composition as a three-dimensional compound. Producing a fiber composition comprising at least one additive and at least one organic fibrous material including wood pulp, semi-chemical pulp, cellulose, wool, silk, linen, cotton, synthetic polymer fibers and/or other fibrous materials with fiber strength less than 0.5 mm, comprises: adding at least one additive comprising calcium and/or magnesium compound; changing and/or forming the structure of the fiber composition; forming a net-like fibrous structure by the fibrous material after the changing and/or forming the structure; and introducing a calcium and/or magnesium compound for stabilizing the fiber composition as a three-dimensional compound. An independent claim is also included for the fiber composition, comprising at least one additive having calcium and/or magnesium compound, which is present as a three-dimensional compound, or forms a three-dimensional compound of the calcium and/or magnesium compound and exhibits the net-like fibrous structure formed by the fibrous material. The calcium and/or magnesium compound is introduced for stabilizing the fiber composition.

IPC 8 full level

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