

Title (en)

Board made from wooden material with effect particles

Title (de)

Holzwerkstoffplatte mit Effekteilchen

Title (fr)

Panneau constitué de bois comportant des particules á effet

Publication

EP 2191949 A2 20100602 (DE)

Application

EP 09177167 A 20091126

Priority

DE 102008059527 A 20081128

Abstract (en)

The board has 50 weight percent of cellulosic fibers and/or chippings, and 0.1 to 50 weight percent of effect particles distributed on the entire board based on total weight of the board. 5 weight percent of effect particles have thickness greater than 1 mm in two-dimensions in a fiber board. The effect particles in a flake board and an oriented strand board are not made of wood or wood parts. 0.1 weight percent of adhesive agent is provided based on the total weight. The effect particles are selected from a group of organic and inorganic materials. The effect particles are selected from a group consisting of parts of biennial plants, cattle, cork, leaves, chipped wood, hemp-kenaf fibers, peduncle, seeds, corn, textile remains, paper, superabsorber, hair, feather, sea shell, glass fibers, calcined or non-calcined mica, packing material, film, plastic granulate, and pyrite. An independent claim is also included for a method for manufacturing a wooden board.

Abstract (de)

Die vorliegende Erfindung betrifft Holzwerkstoffplatte mit Effekteilchen, die mindestens 50 Gew.-% cellulosehaltige Fasern und/oder Späne und 0,1 bis 50 Gew.-% in der gesamten Holzwerkstoffplatte verteilte Effekteilchen, bezogen auf das Gesamtgewicht der Holzwerkstoffplatte, enthalten, wobei in Faserplatten mindestens 5 Gew.-% der Effekteilchen in mindestens zwei Dimensionen größer als 1 mm sind und in Spanplatten und OSB-Platten die Effekteilchen nicht aus Holz oder Holzteilen ausgewählt sind.

IPC 8 full level

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CPC (source: EP)

B27N 3/00 (2013.01)

Citation (applicant)

- EP 1556196 A2 20050727 - BASF AG [DE]
- EP 1899427 A1 20080319 - BASF SE [DE]
- DE 102006019819 A1 20061109 - BASF AG [DE], et al

Citation (examination)

GB 659731 A 19511024 - ALFRED MAURICIO MONATH

Cited by

CN102717418A; EP3354430A1; WO2022053297A1

Designated contracting state (EPC)

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