

Title (en)

SPHERICAL FIBRE AGGREGATE, IN PARTICULAR FOR USE AS A FIBRE FILL OR UPHOLSTERY MATERIAL

Publication

EP 0277494 B1 19920617 (DE)

Application

EP 88100328 A 19880112

Priority

DE 3700681 A 19870112

Abstract (en)

[origin: EP0277494A2] There is described a spherical fibre aggregate, in particular for use as a fill or upholstery material, composed of fibres and/or filaments which have been spherically coiled and which essentially form a fibre ball. To devise congeneric fibre balls which possess better properties, in particular for use as fill material, it is proposed that the fibre balls shall comprise a mixture of main fibres and binding fibres. The binding fibres shall have been bonded to the main fibres at cross-over points. <??>In one embodiment, the binding fibres are two-component fibres, in which one component has in particular a high modulus compared with the other component and preferably only one of the components has a binding action. <??>the binding fibres ensure a three-dimensional network of all the fibres in the fibre balls.

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IPC 8 full level

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CPC (source: EP US)

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