

Title (en)
Spherical fibrous aggregate.

Title (de)
Sphärisches Faseraggregat.

Title (fr)
Agglomérat fibreux sphérique.

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Application
EP 79105379 A 19791227

Priority
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Abstract (en)
[origin: CA1151408A] The invention relates to a fiber aggregate having a smallest diameter of 3 mm. and comprising fibers, each fiber having a length of at least 15 mm., at least some of said fibers being intertwined to form a body of a substantially spherical to an elongate shape, and said body having a density ranging from about 0.01 to about 0.1 grams per cubic centimeter, the intertwining being such that a needle commonly used in needle processing technology to stitch materials together may penetrate said body and grip and withdraw any fiber from said body free from encountering any substantial resistance so that the pulled length extends out of the body without losing its cohesion with the body.

Abstract (de)
Das sphärische Faseraggregat liegt als ein Kugelgarn (36) aus einzelnen Fasern (37) vor, die unverfilzt mit einer Länge von mindestens 15 mm in einer nadelfähigen Dichte sphärisch verwickelt sind. Sie sind mit ihren Enden (38) um andere Fasern (37) sphärisch geschlungen bzw. eingerollt, wodurch sie im Faserverband festgehalten werden. Durch die Struktur der locker verschlungenen Fasern (37) sind dieselben einzeln erfassbar und können daher in einer z.B. durch Vernadeln der Kugelgarne (36) verfestigten Faserschicht eines textilen Flächengebildes verwendet werden, das dann z.B. eine strukturierte Oberfläche oder visuell originelle Struktur aufweist.

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D04H 1/00

IPC 8 full level
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Citation (search report)
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