

Title (en)
PROCESS FOR PRODUCING FIBER AGGREGATE

Publication
EP 0299102 B1 19921014 (EN)

Application
EP 87110316 A 19870716

Priority
• EP 87110316 A 19870716
• JP 2615186 A 19860207

Abstract (en)
[origin: EP0299102A1] A process for producing fiber aggregate with centripetally oriented fibers, comprising a dispersion step of dispersing fibers such as short fibers into a dielectric fluid; an orientation step of placing the dielectric fluid containing the fibers dispersed therein in a space between a core electrode and an annular peripheral electrode across which a high voltage is applied, whereby causing individual fibers in the dielectric fluid to statically orient, with one end pointing to either of the core electrode or peripheral electrode and the other end pointing to the other electrode, the core electrode having the electrode surface on the external circumference thereof and the peripheral electrode having the internal circumference opposite to the external circumference of the core electrode; and an aggregating step of aggregating the statically oriented fibers while keeping the oriented state.

IPC 1-7
B22F 3/00; **B27N 3/14**; **C22C 1/09**

IPC 8 full level
C22C 47/08 (2006.01); **B22F 3/00** (2006.01); **C22C 47/00** (2006.01); **C22C 47/02** (2006.01); **C22C 47/12** (2006.01)

CPC (source: EP)
B22F 3/002 (2013.01); **C22C 47/025** (2013.01); **B22F 2998/00** (2013.01)

Citation (examination)
GB 1259626 A 19720105

Cited by
US5057253A; DE19747843C1; EP1028267A3

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0299102 A1 19890118; **EP 0299102 B1 19921014**; DE 3782250 D1 19921119; DE 3782250 T2 19930311; JP H0424416 B2 19920427; JP S62185844 A 19870814

DOCDB simple family (application)
EP 87110316 A 19870716; DE 3782250 T 19870716; JP 2615186 A 19860207