

Title (en)

Apparatus for producing oriented fiber aggregate.

Title (de)

Vorrichtung zur Herstellung orientierter Faseraggregate.

Title (fr)

Appareil pour la fabrication d'agrégats fibreux orientés.

Publication

EP 0299096 A1 19890118 (EN)

Application

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Priority

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Abstract (en)

The present invention relates to an apparatus for producing one-dimensionally oriented fiber aggregate comprising an orientation vessel including a supply part, orientation part and discharge part, and at least one pair of electrodes disposed on the orientation part of the vessel, and a sheet drive unit, in which the supply part supplies downward a dielectric fluid dispersed with whiskers etc., and at the orientation part, the fibers are oriented one-dimensionally by means of the high voltage applied across the electrodes disposed on the orientation part, and the sheet drive unit moves a long filter sheet horizontally between the orientation part and the discharge part in the orientation vessel to permit the dielectric fluid to pass through to the discharge part of the vessel, permitting the fibers to aggregate on the sheet.

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C-Set (source: EP)

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Citation (search report)

- [Y] US 3127668 A 19640407 - TROY WALTER C
- [Y] GB 1257349 A 19711215
- [Y] GB 1259626 A 19720105
- [A] DE 2050227 A1 19710429 - PHILIPS NV

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DE GB

DOCDB simple family (publication)

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