

Title (en)

Sheet composites containing crystalline phosphate fibers and a process for the preparation thereof.

Title (de)

Zusammengesetzte Bahnen enthaltend kristalline Phosphatfasern und Verfahren zu ihrer Herstellung.

Title (fr)

Feuilles composites contenant des fibres de phosphate cristallines et procédé pour leur fabrication.

Publication

EP 0187131 A1 19860709 (EN)

Application

EP 85870197 A 19851223

Priority

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- US 68556984 A 19841224

Abstract (en)

Sheet composites containing asbestiform crystalline calcium M phosphate fibers wherein M is a metal cation selected from the group consisting of sodium and lithium, and mixtures thereof, are useful as a replacement or substitute for asbestos sheets in applications where fibrous materials are needed. The sheet composites are prepared by (a) forming an aqueous dispersion comprising such phosphate fibers, auxiliary fibers, and a water insoluble organic polymeric binder; (b) distributing and draining the aqueous dispersion on a porous substrate to form a wet sheet-like solid phase or wet web; and (c) pressing and drying the wet web.

IPC 1-7

D21H 5/18

IPC 8 full level

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Citation (search report)

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- [A] GB 2108166 A 19830511 - GEORGIA BONDED FIBERS INC
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