

Title (en)

An exchange element for a heat and/or moisture exchange and an exchanger for heat and/or moisture.

Title (de)

Austauscherelement für einen Wärme- und/oder Feuchtigkeitsaustauscher und Austauscher für Wärme und/oder Feuchtigkeit.

Title (fr)

Élément d'échange pour un échangeur de chaleur et/ou d'humidité et échangeur de chaleur et/ou d'humidité.

Publication

EP 0030863 A1 19810624 (EN)

Application

EP 80304523 A 19801215

Priority

JP 16158679 A 19791214

Abstract (en)

A heat and/or moisture exchange element comprises a laminated structure of a hygroscopic-agent-impregnated exchanging member (6) comprising a base paper (4) made by mixing synthetic pulp having a water-repellant and thermoplastic properties to provide a shape retaining moisture resistant base with fibre basic material and further by coating the above mentioned mixed paper with abrasion-resistant in the end face of the exchanging member. The layers (4) of the member are corrugated and the laminate consists of rings of the layers forming a drum-shaped element for mounting in a drum shaped housing (10) of a heat exchanger.

IPC 1-7

F24F 3/147; **F28D 19/04**

IPC 8 full level

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CPC (source: EP)

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Cited by

US5300138A; JP2013202504A; US6039109A; US5183098A; EP0413184A3; US4523630A; US5681368A; US4769053A; US5401706A; US5496397A; US5285842A; EP0599149A3; US5762690A; US5885329A; WO9416795A1; JP2014122742A

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