

Title (en)

Manufacturing process for inhomogeneous sponge and sponge obtained therefrom

Title (de)

Verfahren zur Herstellung eines inhomogenen Schwammes und danach hergestellter Schwamm

Title (fr)

Procédé de fabrication d'une éponge non homogène et éponge ainsi fabriquée

Publication

**EP 1273450 A3 20031119 (DE)**

Application

**EP 02013438 A 20020613**

Priority

DE 10132511 A 20010705

Abstract (en)

[origin: EP2316651A1] The method involves arranging a body made of a porous thermoplastic material between two plates (2, 3) of a pressing device. An inhomogeneous pore density distribution is produced in the body by pressure- and thermal effects. Shutter speed of the pressing device is kept short so that no uniform temperature is set by the body. The body is cut into a number of sections by a cutting process after the body is cooled, where the body is designed as a rectangular-shaped body. Heat is applied via the plates at 100-250 degrees.

IPC 1-7

**B41J 2/175**

IPC 8 full level

**B41J 2/175** (2006.01)

CPC (source: EP)

**B41J 2/17513** (2013.01); **B41J 2/17559** (2013.01)

Citation (search report)

[X] US 6042225 A 20000328 - ALTENDORF JOHN M [US], et al

Cited by

US2021169299A1; US11786099B2

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DOCDB simple family (publication)

**EP 1273450 A2 20030108**; **EP 1273450 A3 20031119**; **EP 1273450 B1 20110112**; AT E495018 T1 20110115; DE 10132511 A1 20030130; DE 50214854 D1 20110224; EP 2316651 A1 20110504

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**EP 02013438 A 20020613**; AT 02013438 T 20020613; DE 10132511 A 20010705; DE 50214854 T 20020613; EP 10185572 A 20020613