

Title (en)

MANUFACTURE OF AN EXPANDED WEB OF SHEET MATERIAL

Publication

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Application

EP 85303587 A 19850521

Priority

- US 61315984 A 19840523
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Abstract (en)

[origin: EP0162704A2] A sheet of material is passed through meshing rotary shearing and forming dies to form rows of convolutions 16 which in each row are separated by an undeformed neutral zone N between each pair of adjacent convolutions. The rows are staggered so that the peak of a convolution in one row coincides with the troughs in adjacent rows and vice versa but the neutral zones coincide to maintain the integrity of the expanded web. The expanded web 12 can then be laminated to a plane sheet 11. The resulting structure is useful as a cigarette wrapper which is wrapped around a tobacco rod through which the longitudinal air flow is as shown by the arrow. The dimensions and periodicity of the convolutions can be adjusted to control air flow through the wrapper.

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B31F 1/28

IPC 8 full level

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EP 0162704 A2 19851127; **EP 0162704 A3 19860305**; **EP 0162704 B1 19880907**; AU 4278385 A 19851128; AU 580999 B2 19890209; CA 1259879 A 19890926; CA 1274143 C 19900918; DE 3564783 D1 19881013; JP H069900 B2 19940209; JP S6116845 A 19860124

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