

Title (en)
TREATMENT OF CIGARETTE PAPER.

Title (de)
BEHANDLUNG VON ZIGARETTENPAPIER.

Title (fr)
TRAITEMENT DE PAPIER A CIGARETTES.

Publication
EP 0175684 A4 19860723 (EN)

Application
EP 84901502 A 19840314

Priority
US 46042383 A 19830124

Abstract (en)
[origin: WO8504080A1] One version of a fire resistant cigarette comprises a charge of tobacco in a low-porosity wrapper substantially free of burn accelerator. The sidestream smoke from this cigarette can be reduced by treating the wrapper with water or ethyl alcohol. Fire resistance is further improved by depositing a linear burn rate reducing substance on the paper from the group consisting of citric acid, magnesium citrate, magnesium acetate, tartaric acid, acetic acid, lactic acid, a sugar, non-fat milk and skim milk. Similar results are achieved with conventional medium to high porosity cigarette papers by treating them with a burn rate reducing substance from the same group. In the case of high porosity cigarette paper, if only a part of the surface area is treated, the porosity of the untreated areas controls tar, nicotine, and carbon monoxide delivery. Still further improvements in sidestream smoke reduction and fire resistance may be achieved by the use of an additional layer of high-porosity cigarette paper in the wrapper.

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IPC 8 full level
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CPC (source: EP)
A24D 1/02 (2013.01); **A24D 1/025** (2013.01)

Citation (search report)
• [X] US 2738791 A 19560320 - SCHUR MILTON O, et al
• [X] GB 514605 A 19391113 - AKCIOVA SPOLECNOST PRO PRUMYSL
• [X] DE 400863 C 19240823 - OTTO PAUL KOEHRE
• [A] US 3633589 A 19720111 - KAHANE WILHELM, et al
• [E] US 4453553 A 19840612 - COHN CHARLES C [US]
• See references of WO 8504080A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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US 8400384 W 19840314; AU 2656888 A 19881205; AU 2813184 A 19840314; CA 455880 A 19840605; EP 84901502 A 19840314; JP 50153584 A 19840314