

Title (en)  
Expanding and drying of tobacco

Title (de)  
Expandieren und Trocknen von Tabak

Title (fr)  
Expansion et séchage du tabac

Publication  
**EP 0546986 B1 19960417 (DE)**

Application  
**EP 92810532 A 19920713**

Priority  
CH 360891 A 19911209

Abstract (en)  
[origin: EP0546986A1] A method and an apparatus are described for the expanding and drying of tobacco by means of steam and/or hot gas, according to which method the tobacco is metered into the inner compartment (4), defined at least from two flat jets (3, 3') which flow into the channel from the opposing sources outside the channel walls and are guided into each other at an acute angle, and the tobacco, after the acceleration of speed by means of the flat jets, is deflected by means of a cross-flow, accelerated again, expanded and dried. <??>The device preferably consists of a partially rectangular metering channel section (A-A), which, farther on, is arranged with a gas-permeable channel segment (5) for extracting part of the treatment medium in the channel, the latter, at least in its last section, terminating with a vertical channel (8) connected thereto at 90 DEG , which is surrounded by a wider pipe (9) called a "tower". <IMAGE>

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**A24B 3/18**

IPC 8 full level  
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CPC (source: EP KR US)  
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