

Title (en)  
STEAM BOX

Title (de)  
DAMPFBLASKASTEN

Title (fr)  
VAPORISATEUR

Publication  
**EP 0745158 B1 19981209 (DE)**

Application  
**EP 95905553 A 19950119**

Priority  

- BR 9507116 A 19950119
- DE 9500061 W 19950119
- DE 4401220 A 19940118
- US 71048496 A 19960918

Abstract (en)  
[origin: WO9622421A1] The invention pertains to a steam box for applying steam to a passing material web, e.g. a paper web to be dehydrated and running through the press part of a papermaking machine. The steam box completely spans the web crosswise to the web's running direction and has a number of zone chambers (3) that are arrayed in succession over the width of the web and covered by a perforated steam outlet plate (22). Each zone chamber (3) is connected to a steam source through its own control valve (35). The steam outlet plate can be removed for purposes of cleaning the zone chambers (3). A likewise removable perforated plate insert (20) is provided in each zone chamber (3).

IPC 1-7  
**D21F 7/00**

IPC 8 full level  
**D21F 7/00** (2006.01)

CPC (source: EP US)  
**D21F 7/008** (2013.01 - EP US)

Designated contracting state (EPC)  
AT DE GB SE

DOCDB simple family (publication)  
**WO 9622421 A1 19960725**; BR 9507116 A 19970902; DE 4401220 C1 19950629; EP 0745158 A1 19961204; EP 0745158 B1 19981209; US 5752324 A 19980519

DOCDB simple family (application)  
**DE 9500061 W 19950119**; BR 9507116 A 19950119; DE 4401220 A 19940118; EP 95905553 A 19950119; US 71048496 A 19960918