

Title (en)  
Drying system.

Title (de)  
Trocknungsvorrichtung.

Title (fr)  
Système de séchage.

Publication  
**EP 0427218 B1 19950809 (DE)**

Application  
**EP 90121252 A 19901107**

Priority  
AT 258189 A 19891110

Abstract (en)  
[origin: EP0427218A2] The invention relates to a drying apparatus for material webs, especially paper or fibre webs, moved at high speed, which consists of appropriately one row of steam-heated cylinders, located especially on essentially the same horizontal plane, and of appropriately one row of unheated deflecting rollers which are located approximately in interspaces of these cylinders and are mounted especially likewise in a horizontal plane arranged below or above the abovementioned horizontal plane and the casing of which is perforated and/or provided with grooves, a suction of air from these deflection rollers being provided, and these cylinders and the deflecting rollers being equipped with a single-wire screen band covering, and the material web lying on the cylinders between their casing and the screen band or the like, whilst, on the deflecting rollers, the screen band comes to lie on the casing of the rollers and the material web externally on the screen band. The invention is primarily characterised in that the arrangement of an air-blowing device 1, which loops at least partially, for example completely, with movement play round the casing of the deflecting roller 2 touched by the screen band or the like, is provided. <IMAGE>

IPC 1-7  
**D21F 5/04**

IPC 8 full level  
**D21F 5/04** (2006.01)

CPC (source: EP)  
**D21F 5/042** (2013.01)

Cited by  
EP1593776A1; EP1780331A1; US6128833A; US6003241A; US6101735A; AT410949B; EP0911445A3; DE19752562A1; US6098309A; US6418639B1; WO2011003746A3; WO9918287A1

Designated contracting state (EPC)  
DE ES GB IT SE

DOCDB simple family (publication)  
**EP 0427218 A2 19910515; EP 0427218 A3 19911023; EP 0427218 B1 19950809**; AT 394063 B 19920127; AT A258189 A 19910715; DE 59009496 D1 19950914; ES 2076278 T3 19951101; NO 179264 B 19960528; NO 179264 C 19960904; NO 904886 D0 19901109; NO 904886 L 19910513

DOCDB simple family (application)  
**EP 90121252 A 19901107**; AT 258189 A 19891110; DE 59009496 T 19901107; ES 90121252 T 19901107; NO 904886 A 19901109