

Title (en)  
Pulley for an embossing machine

Title (de)  
Umlenkrolle für eine Prägemaschine

Title (fr)  
Poulie pour une machine d'estampage

Publication  
**EP 1318017 A3 20040922 (DE)**

Application  
**EP 02026567 A 20021128**

Priority  
DE 10159662 A 20011205

Abstract (en)  
[origin: EP1318017A2] A roller-pin fixed to the machine has fixed to it by its axially apart end sections a porous air-permeable sleeve. The roller-pin has a compressed air duct directed at the pin's sleeve to form an air cushion between the sleeves. The two axially separated bearing end sections of the roller-pin fix the end sections of the pin's sleeve. The compressed air duct opens into a smaller-diameter middle section between the two bearing end sections. A peripheral flange on the roller-pin, next to the bearing section, adjoins one annular end surface of the pin's sleeve. The end side of the roller-pin axially apart from the flange, has a disc (42) fixed to it.

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**B41F 19/02**; B41F 19/06

IPC 8 full level  
**B31F 1/07** (2006.01); **B65H 27/00** (2006.01)

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Citation (search report)  
• [XAY] US 5246155 A 19930921 - BARROIS CLAUD D [DE]  
• [Y] US 3746233 A 19730717 - ILLG P, et al  
• [A] EP 0686781 A2 19951213 - GROSS HEINZ DR ING [DE]

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