

Title (en)  
Support roll for a winding machine

Title (de)  
Trag- oder Stützwalze für eine Wickelmaschine

Title (fr)  
Rouleau de support pour une machine d'enroulage

Publication  
**EP 0679595 B1 20000816 (DE)**

Application  
**EP 95103284 A 19950308**

Priority  
DE 4414396 A 19940426

Abstract (en)  
[origin: US5582361A] In a paper-winding machine a paper web passes at least partially around a support roller rotating about an axis and the web is wound up on a windup roll bearing radially on the support roller. The support roller comprises a rigid tubular core having a substantially cylindrical outer surface and an outer layer of material on the outer surface. The layer of material has a thickness between 5 mm and 12 mm (preferably 6 mm to 8 mm), the material is a low-friction elastomer (preferably a nitrile or polyurethane rubber), and the material has a Shore A hardness of between 65 and 80 (preferably 70 to 74).

IPC 1-7  
**B65H 27/00**

IPC 8 full level  
**B65H 18/16** (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP US)  
**B65H 18/16** (2013.01 - EP US); **B65H 27/00** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2301/414863** (2013.01 - EP US); **B65H 2401/10** (2013.01 - EP US); **B65H 2404/1316** (2013.01 - EP US); **B65H 2404/136** (2013.01 - EP US); **B65H 2404/18** (2013.01 - EP US)

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Cited by  
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