

Title (en)  
CIRCULAR LOOM

Publication  
**EP 0080453 B1 19860129 (DE)**

Application  
**EP 82890139 A 19820930**

Priority  
AT 506481 A 19811125

Abstract (en)  
[origin: ATA506481A] Warps for a circular loom are carried by guide eyelets directly mounted to bands passing round upper deflecting rollers at the level of the upper running ring of the loom. The gap between the upper and lower running rings, and the gap between guide eyelets, is calculated so that the shed angle is large enough to prevent the warps from fouling the shuttles. Design allows the height of the circular loom to be reduced, and also gives higher running speeds to increase productivity and the enlarged shed opening ensures that the shuttle has a clear passage. (First major country equivalent AT8105064)

IPC 1-7  
**D03D 37/00**

IPC 8 full level  
**D03D 37/00** (2006.01)

CPC (source: EP US)  
**D03D 37/00** (2013.01 - EP US)

Cited by  
EP0109386A1; AT400851B; CN102978787A; CN102094281A; DE3408565A1; WO2017190739A1; US10711376B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0080453 A2 19830601; EP 0080453 A3 19840516; EP 0080453 B1 19860129;** AT 371846 B 19830810; AT A506481 A 19821215; BR 8206797 A 19831004; CA 1181661 A 19850129; DE 3268850 D1 19860313; ES 517656 A0 19831116; ES 8401156 A1 19831116; IN 158561 B 19861213; PT 75895 A 19821201; PT 75895 B 19851209; US 4479517 A 19841030

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**EP 82890139 A 19820930;** AT 506481 A 19811125; BR 8206797 A 19821124; CA 412911 A 19821006; DE 3268850 T 19820930; ES 517656 A 19821124; IN 405DE1982 A 19820528; PT 7589582 A 19821124; US 42628482 A 19820929