

Title (en)  
Ring spinning machine for condensed yarn

Title (de)  
Ringspinnmaschine für verdichtetes Garn

Title (fr)  
Métier à filer à anneaux pour fil condensé

Publication  
**EP 0690157 B1 19970806 (DE)**

Application  
**EP 95108878 A 19950609**

Priority  
CH 208494 A 19940630

Abstract (en)  
[origin: EP0690157A1] The ring spinner has a drawing unit to draw a sliver to deliver a compressed yarn to a spindle which has a ring (18) and traveller (20) moving round it. The traveller (20) and ring (18) are shaped so that a tangent (T) is formed at the yarn tangent point (P) at the yarn running surface (200) at the gap (GDL) between the traveller (20) and ring (18), measured along the length of the spindle. The tangent (T) is at an angle (  $\alpha$  ) of 45 degrees to the spindle axis (A). The gap (GDL) is max. 0.5 mm. when the traveller (20) lies at the running surface of the ring (18) with its centre of gravity as far as possible from the spindle axis (A) and with a gap esp. of max. 0.3 mm. <IMAGE>

IPC 1-7  
**D01H 7/52**

IPC 8 full level  
**D01H 7/60** (2006.01); **D01H 7/52** (2006.01)

CPC (source: EP)  
**D01H 7/52** (2013.01)

Cited by  
DE10025191A1; DE10025191C2; DE19824079A1; DE19824079C2; DE19637473A1

Designated contracting state (EPC)  
AT DE IT

DOCDB simple family (publication)  
**EP 0690157 A1 19960103; EP 0690157 B1 19970806**; AT E156528 T1 19970815; CH 691814 A5 20011031; CN 1120083 A 19960410; DE 59500468 D1 19970911; JP H0841740 A 19960213

DOCDB simple family (application)  
**EP 95108878 A 19950609**; AT 95108878 T 19950609; CH 208494 A 19940630; CN 95108132 A 19950629; DE 59500468 T 19950609; JP 16412895 A 19950629