

Title (en)  
Spinning or twisting ring

Title (de)  
Spinn- oder Zwirnring

Title (fr)  
Métier à filer ou à retordre

Publication  
**EP 2671981 B1 20160817 (DE)**

Application  
**EP 13002247 A 20130426**

Priority  
CH 8012012 A 20120608

Abstract (en)  
[origin: EP2671981A2] The ring (1) has a bar (3) arranged between a foot flange (2) and a ring crown (4) and exhibiting an internal diameter (5) and a height (6), where the ring is integrally manufactured by a deep-drawing method. The foot flange exhibits a foot flange thickness. An inner transition region (8) from the bar into the foot flange exhibits an inner radius of 1.0-1.5 mm. An outer transition region (7) from the bar into the foot flange exhibits an outer radius of 0.2-0.4 mm. The foot flange extends into a region of the bar internal diameter.

IPC 8 full level  
**D01H 7/60** (2006.01); **B21D 51/16** (2006.01)

CPC (source: EP)  
**B21J 5/08** (2013.01); **B21K 21/12** (2013.01); **D01H 7/602** (2013.01); **B21D 53/16** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2671981 A2 20131211**; **EP 2671981 A3 20150422**; **EP 2671981 B1 20160817**; CH 706605 A1 20131213; CN 103484996 A 20140101; CN 103484996 B 20170524

DOCDB simple family (application)  
**EP 13002247 A 20130426**; CH 8012012 A 20120608; CN 201310224924 A 20130607