

Title (en)
Ring-traveler system of ring spinning machine

Title (de)
Ringwagensystem einer Ringspinnmaschine

Title (fr)
Système de curseur de machine à filer à anneaux

Publication
EP 2682508 A2 20140108 (EN)

Application
EP 13173525 A 20130625

Priority
• JP 2012150492 A 20120704
• JP 2013094011 A 20130426

Abstract (en)
A ring-traveler system of a ring spinning machine is of a non-liquid lubrication type. The ring-traveler system includes a ring and a traveler that travels along the ring. A plurality of recesses and a plurality of flat ridges are arranged alternately on a surface portion of one of the ring and the traveler. The other one of the ring and the traveler slides on the surface portion when the traveler travels. Each of the recesses has a depth of 0.1 to 20 μm . Each of the flat ridges has a width of 1 to 250 μm .

IPC 8 full level
D01H 1/02 (2006.01); **D01H 7/60** (2006.01)

CPC (source: EP)
D01H 1/02 (2013.01); **D01H 7/602** (2013.01); **D01H 7/604** (2013.01)

Citation (applicant)
• JP 2002510755 A 20020409
• WO 2004035255 A1 20040429 - NEC MACHINERY CORP [JP], et al

Cited by
EP3009542A1; EP2933362A1

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