

References

1. DE 11 2012 000 596 A5. evico GmbH Dresden; Leibniz-Institut für Festkörper-und Werkstoffsorschung Dresden e.V.; Technische Universität Dresden. (16.01.2014). Cherif, Ch.; Abdkader, A.; Schultz, L., *et al.*
2. Hossain M, Abdkader A, Cherif Ch, *et al.* Innovative twisting mechanism based on superconducting technology for higher productivity in ring spinning machine. *Textile Research Journal* 2014; 84, 8: 871-880.
3. Sparing M, Berger A, Hossain M, Berger D, Fuchs G, Abdkader A, Cherif Ch, Schultz L. Dynamics of rotating superconducting magnetic bearings in ring spinning. *IEEE Transactions on Applied Superconductivity* 2016; 26, 3: 3600804.
4. Batra S K, Ghosh TK, Zeidman MI. An Integrated Approach to Dynamic Analysis of the Ring Spinning Process: Part I: Without Air Drag and Coriolis Acceleration. *Textile Research Journal* 1989; 59, 6: 309-317.
5. Batra SK, Ghosh TK, Zeidman MI. An Integrated Approach to Dynamic Analysis of the Ring Spinning Process, Part II: With Air Drag and Coriolis Acceleration. *Textile Research Journal* 1989; 59, 7: 416-424.
6. Ghosh TK, Batra SK, Zeidman MI, *et al.* An Integrated Approach to Dynamic Analysis of the Ring Spinning Process, Part III: The Effect of Coefficient of Friction and the Balloon Control Rings. *Textile Praxis International* 1992; 47: 791-800.
7. Batra SK, Ghosh TK, Fraser WB, *et al.* An Integrated Approach to Dynamic Analysis of the Ring Spinning Process, Part IV: Inherent Instability of the Free Balloon. *Textile Research Journal* 1995; 65, 7: 417-423.
8. Fraser WB. On the Theory of Ring spinning. *Philosophical Transactions of the Royal Society of London A: Mathematical, Physical and Engineering Sciences* 1993; 342, 1665: 439-468.
9. Fraser WB. The effect of a control ring on the stability of the ring-spinning balloon. *Philosophical Transactions of the Royal Society of London A: Mathematical, Physical and Engineering Sciences* 1996; 47, 452: 47-62.
10. Tang ZX, Fraser WB, Wang L, Wang X. Examining the effects of balloon control ring on ring spinning. *Fibers and Polymers* 2008; 9,5: 625-632.
11. Hossain M, Telke C, Abdkader A, Cherif Ch, Beitelschmidt M. Mathematical modelling of the dynamic yarn path depending on spindle speed in a ring spinning process. *Textile Research Journal* 2015; 86, 11: 1180-1190.
12. Hossain M, Telke C, Sparing M, Abdkader A, Cherif Ch, Beitelschmidt M, Schultz L. Mathematical modelling of the dynamic yarn path depending on spindle speed in a ring spinning process based on superconducting magnetic bearing. *Textile Research Journal* 2016; 86, 11: 1180-1190.
13. Yin R, Gu HB. Numerical simulation of quasi-stationary ring spinning process linear elastic yarn. *Textile Research Journal* 2011; 81, 1: 22-27.
14. Hossain M, Abdkader A, Cherif Ch, *et al.* Measurement methods of dynamic yarn tension in a ring spinning process. *FIBRES & TEXTILES in Eastern Europe* 2016; 24, 1(115): 36–43. DOI: 10.5604/12303666.1172098.