**References**


1. Katsumata T, Nabae T, Sasajima K and Matsuzawa T. Growth and characteristics of long persistent $SrAl_2O_4$- and $CaAl_2O_4$-based phosphor crystals by a floating zone technique. *Journal of Crystal Growth* 1998; 183(3): 361-365.
2. Dong Wang, Qingrui Yin and Yongxiang Li et al. Conentration quenching of Eu2+ in $SrO_2 \cdot Al_2O_3$: Eu2+ phosphor. *Journal of Luminescence* 2002; (97): 1-6.
3. Ren Chen, Yinhai Wang, Yihua Hu, Zhengfa Hu and Cheng Liu. Modification on luminescentproperties of $SrAl_2O_4$:Eu2+, Dy3+ phosphor by Yb3+ ions doping. *Journal of Luminescence* 2008; 128(7): 1180-1184.
4. Jishu Zhang and Mingqiao Ge. A study of an anti-counterfeiting fiber with spectral fingerprint characteristics. The Journal of The Textile Institute, 2011, 102(9): 767-773.
5. Siggel A, Potrawa T and Langheim H. *Luminescent fibers, method for producing same and their use*. Patent application CN19998002369 19990122, Germany. Priority number: DE 19981002588 19980123; Page bookmark: CN1289377(A).
6. Shirai T, Sakakura H, Shimizu Y, Ogura A and Goto T. *Highly bright luminous fiber and method for producing the same and woven or knitted fabric comprising the same.* Patent application 205343 Japan, 2001, Publication 194623, 2002.
7. Shuji M and Shiro S. Polyester fibers containing luminescent substances and their manufacture. Patent application: 285806, 2003, Japan.
8. Shim E, Pourdeyhimi B and Little TJ. Luminescence and mechanical properties of photoluminescent core bicomponent fibers. *Textile Res J* 2004; 74: 982– 988.
9. Ge Mingqiao and Yu Weiguo. The manufacturing method of rare earth luminous fiber with colorful light. Patent application 200410044898.9, China.
10. Ge Mingqiao, Tang Guoliang, and Yu Weiguo. Rare earth luminous fiber with colorful light and the manufacturing method of the luminous fiber. Patent application 200810019749.5, China
11. Yanna Xu and Mingqiao Ge. Study on the friction and wear resistant of luminous fiber. *Knitting Industries* 2008; (4): 17-19.
12. Wang L H, Wang W, Zhang W G, Kang E T and Huang W. Synthesis and luminescence properties of novel Eu-containing copolymers consisting of Eu(III)-acrylate-β-diketonate complex monomers and methyl methacrylate. *Chem. Mater*. 2000; 12(8): 2212.
13. Xiao LÜ, Sun Meng, Zhang Junying and Wang Tianmin. Effect of mixing process on the luminescent properties of $SrAl_2O_4$:Eu2+, Dy3+ long afterglow phosphors. *Journal*

*of Rare Earths*. 2010; 28(1): 150-152.

14. Du Haiyan, Li Gengshen and Sun Jiayue. Preparation of Non-Grinding Long Afterglow $SrAl_2O_4$:Eu2+,Dy3+Material by Microwave Combustion Method [J]. *Journal of Rare Earths* 2007; 25(1): 19-22.
15. Qin Xiao, Liyuan Xiao, Yingliang Liu, Xiaobo Chen and Yidong Li. Synthesis and luminescence properties of needle-like $SrAl_2O_4$:Eu, Dy phosphor via a hydrothermal co-precipitation method. *Journal of Physics and Chemistry of Solids* 2010; 71( 7): 1026-1030.