



White Cotton Bio-bleaching Saves Costs and Nature

A cost effective method for the bleaching of cotton.

Competitive advantage

- Cost effective
- Energy saving
- Cotton-friendly and natural method
- Mild technology instead of hard chemistry

Application and market areas

- Enzyme and chemical companies
- Textile industry

Technical description

Chemo-enzymatic method combines scouring and bleaching of cotton containing fabric. The processing steps also include desizing. Efficient pre-treatment of cotton removes non-cellulosic impurities from the cellulosic fibers and increases the water absorption ability as well as the whiteness of the fabric.

Intellectual property

Patent pending PCT/WO2007/09367



Why partner with VTT?

10 reasons for technology partnering with VTT

1. We are a key factor in Finland's success story and have the track record to prove it.
2. Licensing and co-venturing opportunities
3. Portfolio of more than 1000 patents and inventions
4. New business and product concepts based on strong IP and world class research
5. Combined experience of more than 2000 career research scientists in eight focused areas of technology
6. Active member in hundreds of scientific & business communities
7. Excellent track record as coordinator and partner in EU projects
8. TOP 50 R&D investors in Finland and 10 percent of global Fortune 500 as trusted partners
9. Market driven multi-disciplinary solutions
10. 65 years experience in R&D

Additional information

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