INTEGRATED TEXTILE AND DETERGENT DETECTION FOR WASHING MACHINES

Three parameters on a washing machine determine performance: temperature, wash cycle as well as quantity and type of the detergent. The necessary information is given in the specs of the washing machine, the detergent container and in the care instructions of the textiles. However, most people do their laundry based on feelings instead of manuals.

THE CHALLENGE
- Customers want to put the least possible mental and organizational effort in their laundry duties.
- Currently, customers are overstrained by the excessive selection of detergents, choice of washing programs and textile care icons.
- This leads to damaged clothing, excessive or wrong use of detergent, insufficient washing performance and subsequently unsatisfied customers.

THE CURRENT APPROACH
- The customer needs to read all the manuals and instructions and decide himself how to set the machine parameters.
- The customer needs to choose and supply the right amount of detergent.

ASTOUNDING REAL LIFE DATA
- 44% never vary their washing process: temperature, detergent, washing program
- On average, 2.2h per week are invested for laundry
- 59% rarely consult the care instructions of their textiles
- 85% experience damaged or discolored clothes every year

THE BETTER WAY
- Material sensors can detect the textile type and color and automatically select the washing cycle or give an alarm when non-matching textiles for the selected washing cycle are detected.
- Let the machine decide about optimal temperature, washing program and amount of detergent based on the experience of the manufacturer.

THE SENORICS SOLUTION
Senorics has developed a unique and innovative spectrometer-on-chip sensor solution which is:
- Small enough to be integrated into a washing machine.
- Reliable in classifying the textiles.
- Created for demanding environments.
- Cost-effective and designed for mass markets.

THE BENEFITS
For the manufacturer:
- Increased positioning as an innovation leader
- Reduced complaints, higher consumer satisfaction

For the customer:
- Reliably clean laundry
- Less damage due to discoloration or shrinkage

THE NEXT STEP / GET IN TOUCH
Are you interested in our solution? Please visit our webpage for more information or contact us.
Are you facing similar challenges in your process? Let’s join forces to solve your challenge.

Dr. Robert Nitsche
Business Development Manager
Phone: +49 351 85032 413
robert.nitsche@senorics.com

senorics.com
linkedin.com/company/senorics
bit.ly/senorics-yt
facebook.com/senorics

Quellen: Alle von https://www.presseportal.de/pm/14151/3517126#