Design, implementation and testing of an innovative protoype system for surface defect detection and thickness measurement of sole leather

Fact Sheet

Project Information

Grant agreement ID: G1ST-CT-2000-00103

Project closed

Start date
3 July 2000

End date
2 July 2001

Funded under
Programme for research technological development and demonstration on "Competitive and sustainable growth 1998-2002"

Total cost
€ 30 000,00

EU contribution
€ 22 500,00

Coordinated by
HILTON SRL
Italy

Objective

The DEMES research project aims at the optimisation of the shoe sole cutting phase. The study will introduce image acquisition techniques that permit the individuation and characterization of various types of defects on the leather sheet to be cut. Parallel, a system for characterizing thickness unevenness will be conceived. The

inquiries will lead to the determination of an actual "map" of the leather sheet, which will allow the optimisation of the cutting phase. DEMES foresees the design, implementation and testing of a prototype plant. The success of the research may lead to a superior production quality, productivity increase and waste reduction.

Fields of science (EuroSciVoc)

social sciences > economics and business > economics > production economics > **productivity**

Programme(s)

FP5-GROWTH - Programme for research technological development and demonstration on "Competitive and sustainable growth 1998-2002"

Topic(s)

1.1.3.-1. - Key Action Innovative Products, Processes and Organisation

Call for proposal

Data not available

Funding Scheme

EAW - Exploratory awards

Coordinator

HILTON SRL

EU contribution

No data

Total cost

No data

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Participants (1)

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Spain

EU contribution

No data

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Total cost

No data

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