

## Double face with high efficiency

### Process for producing knitted fabric

#### Invention

This invention describes a process and a device for the production of double-face knitted fabrics using a double plating technique. Three threads are fed simultaneously to the knitting machine, with the third thread passing through both levels, where it is tied alternately into the stitches.

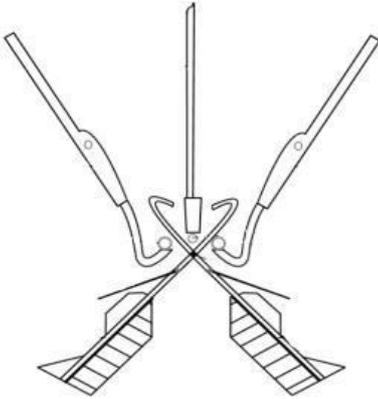


Fig.: Schematic view

industry, especially circular knitting machines and circular knitters, as well as recyclers of double-face knitted fabrics.

#### Current Status

The invention was patented by the Niederrhein University. A prototype is to be built and tested as part of a project. On behalf of the Niederrhein University, PROvendis offers interested companies licenses to the invention and the patent application as well as potential cooperation opportunities with the inventors. If you are interested, we would be pleased to provide you with information on a potential cooperation and the current status of the procedure.

#### Relevant Publications

Weber, Prof. Dr. Klaus-Peter; Weber, Prof.-Dr. Ing. Marcus O.: Wirkerei und Strickerei, DFV2014, Ein Leitfaden für Industrie und Handel.

An invention of the Niederrhein University.

#### Competitive Advantages

- High production speed
- Immense time saving
- Tighter setting

#### Technology Readiness Level

1 2 3 4 5 6 7 8 9  
Technology concept formulated

#### Industries

- Textile machine engineering
- Textile industry

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