Production of complex shaped polymer materials

Invention Description
We present world’s first design for large scale production method of complex shaped and composite polymeric materials using electrospinning or electrospraying process. The method employs controlled spinning or spraying of polymeric solution to produce complex geometries such as hand gloves.

Key Features
- Mass spinning system
- Novel production method for gloves or complex shapes
- Smooth and consistent finishing of the product
- Flexible systems for a variety of polymeric materials with reinforcements

Advantages
- Reduce material waste
- Minimize production time
- Reduce cost
- Limited cleaning requirements
- Low labor cost

Market Applications
Medical Industry, Industrial, Sport Industry

Patent
This invention is Malaysian Patent Pending No. PI 2021004216.
Currently seeking commercial partner for licensing.

Contact us
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