

3D Printing of Food Snacks

Industries for this invention

- The 3D food printing market
- Functional food market

Innovation Status

TRL 5
Lab scale validation and early prototype

Intellectual Property

Provisional Patent

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Invention

The present invention relates to a food ink for use in a 3D printing process for the manufacture of food items. The invention further relates to a 3D printing process for the manufacture of food items from such a food ink using extrusion-based printing techniques.

Problem Solved

The printer can make foods with more elaborate decorations and designs easily than by hand. It can enhance diversity, quality, healthiness and sustainability.

Application

3D food printing with numerous applications in the food industry.

Advantages/Value proposition

- Design flexibility
- Consistent structural and attractive features
- Pre-loaded recipes
- Ease of further processing
- User friendly interface
- Less expensive

