

PATENTS

During 2007-08, 24 patents have been filed in India while 5 patents were filed abroad as per the list given below:

Patents filed in India

- A process for preparation of slow carbohydrate digestibility rice suitable for diabetics
- A process for haziness and sediment free coconut and similar oils
- A process for preparation of citrus peel powder as a gelling agent from lime, lemon, orange, sweet orange, tangerine and similar fruits thereof
- A process for the preparation of protein based fatless fat substitute
- An improved domestic level dough shaping and forming apparatus
- A process for the isolation of essential oil from the roots of Indian *Sarsaparilla* (*Hemidesmus Indicus r. Br.*)
- A method for the separation and purification of peroxidase from radish
- A process for the preparation of photo-stable, water-soluble curcumin from turmeric (*Curcuma Longa*)
- An immobilized *D-xylitol* - protein conjugate and specific antibodies to *D-xylitol* and their utilities thereof
- An improved process for the roasting of groundnut kernels using pulsed infrared radiation
- An improved process for the preparation of vanilla extract
- A process for outdoor cultivation of microalga *Botryococcus* species
- A device useful continuous production of boondi and other traditional deep fat fried products
- An improved process for the preparation of fibre rich cake
- An improved process for preparation of pure Fumonisin B1
- A process for preparation of stabilized flavourant from swallow roots (*Decalepis hamiltonii* wight & arn)
- A process for the production of soycurd-tofu using natural coagulants
- A sugar cane juice concentrate and a process for preparation thereof

- A process for the preparation of photo-stable encapsulated curcumin colorant from turmeric (*Curcuma longa*)
- An anti-invasive and antimetastatic galectin-3 inhibitory polysaccharide from *Decalepis hamiltonii* and a process for the preparation thereof
- A process for preparation of fermented *Okara* (soy residue) based *idli* batter
- A process for faster curing vanilla beans and production of vanilla concentrate thereby
- A process for preparation of w-3 and w-6 fatty acid rich glycerides useful for functional foods
- A process for developing an instant gel for the preparation of restructured food products without heat processing

Patents filed Abroad

Title	Country
• A process for preparation of cashew apple beverage dry mix	Brazil
• A process for the detection of <i>Aspergillus ochraceus</i> by PCR	PCT
• A process for preparation of ready-to-eat expanded product from minor cereals	PCT
• A process for production of multienzyme system by fermentation	PCT
• A process for the preparation of probiotic fermented milk beverage with enhances stability and metal ions during storage with adjuvant supplementation	PCT

Outdoor cultivation of *Botryococcus*

