

**CPC****COOPERATIVE PATENT CLASSIFICATION****A23P****SHAPING OR WORKING OF FOODSTUFFS, NOT FULLY COVERED BY A SINGLE OTHER SUBCLASS ( [shaping substances in a plastic state in general B29C](#) )****NOTE**

Attention is drawn to subclasses [A01J](#), [A21C](#), [A22C](#), [A47J](#), [B02C](#), in addition to other subclasses of [A23](#), in connection with the shaping or working of foodstuffs

**A23P 1/00****Shaping or working of foodstuffs**

- [A23P 1/005](#) . { [Fixation on a non-edible supporting member \( confectionery, chocolate, ice-cream A23G \)](#) }
- [A23P 1/02](#) . Agglomerating; Granulating; Tableting
- [A23P 1/022](#) .. { [Agglomeration or granulation with pulverisation of the solid particles, including free-falling curtain](#) }
- [A23P 1/025](#) .. { [Agglomeration or granulation by extrusion or by pressing, e.g. through small holes, through sieves, between surfaces](#) }
- [A23P 1/027](#) .. { [Tableting; Making food bars by compressing of a dry powdered mixture](#) }
- [A23P 1/04](#) . Encapsulation of particles, e.g. foodstuff additives ( [flavouring agents A23L 1/22](#) )
- [A23P 1/045](#) .. { [with oils, lipids or mono- or diglycerides](#) }
- [A23P 1/06](#) . Making free-flowing or instant powder ( [A23P 1/02](#), [A23P 1/04](#) take precedence )
- [A23P 1/063](#) .. { [using anti-caking or free-flowing agents](#) }
- [A23P 1/066](#) .. { [using other additives, e.g. emulsifiers, wetting agents; Dust binding agents](#) }
- [A23P 1/08](#) . Coating of foodstuffs; Coatings therefor; Making of laminated, multilayered or stuffed foodstuffs
- [A23P 1/081](#) .. { [Coating with edible coating; Coating with oils or fats](#) }
- [A23P 1/082](#) ... { [Apparatus for applying powders or particles to foodstuffs, possibly combined with premoistening or battering, e.g. breaching apparatus](#) }
- [A23P 1/083](#) .... { [with agitation of the foodstuff inside a rotating apparatus, e.g. drum](#) }
- [A23P 1/084](#) ... { [Apparatus or processes for dip-coating in a liquid or semi-liquid bath \( dip-coating in general B05D 1/18, B05C 3/02 \)](#) }
- [A23P 1/085](#) ... { [Other apparatus or processes for coating with liquid or semi-liquid products, e.g. spray-coating, fluidised-bed coating, coating by casting \( combined with breaching A23P 1/082; coating processes and apparatus in general B05C, B05D \)](#) }
- [A23P 1/086](#) .. { [Making of laminated, multi-layered, stuffed or hollow foodstuffs, e.g. wrapping in a preformed edible dough sheet, edible food containers](#) }
- [A23P 1/087](#) ... { [Filling or stuffing cored food pieces, e.g. combined with coring or making cavities](#) }
- [A23P 1/10](#) . Other shaping methods, e.g. moulding

- A23P 1/105 .. { Moulding ( [A23P 1/027](#) takes precedence ) }
- A23P 1/12 .. Extruding
- A23P 1/125 ... { Co-extrusion of different foodstuffs }
- A23P 1/14 .. Puffing or expanding ( [A23L 1/164](#), [A23L 1/18](#), [A23L 1/217](#) take precedence )
- A23P 1/142 ... { by pressure release, e.g. explosion puffing or by vacuum treatment }
- A23P 1/144 .... { Extrusion-expansion }
- A23P 1/146 .... { Discontinuously working apparatus }
- A23P 1/148 ... { by heating without pressure release or without vacuum treatment }
- A23P 1/16 .. Foaming or whipping ( [cream substitutes](#) [A23L 1/19](#) )

#### **A23P 2001/00      Shaping or working of foodstuffs**

- A23P 2001/08 . Coating of foodstuffs; Coatings therefor; Making of laminated, multilayered or stuffed foodstuffs
- [A23P 2001/088](#) .. Tempura batter, leavened and other aerated batter or coating
- [A23P 2001/089](#) .. Coating food items by printing onto them, or printing layers of food products
- A23P 2001/10 . Other shaping methods, e.g. moulding
- A23P 2001/16 .. Foaming or whipping ( [cream substitutes](#) [A23L 1/19](#) )
- [A23P 2001/165](#) ... Forming foamed food products by sonication