

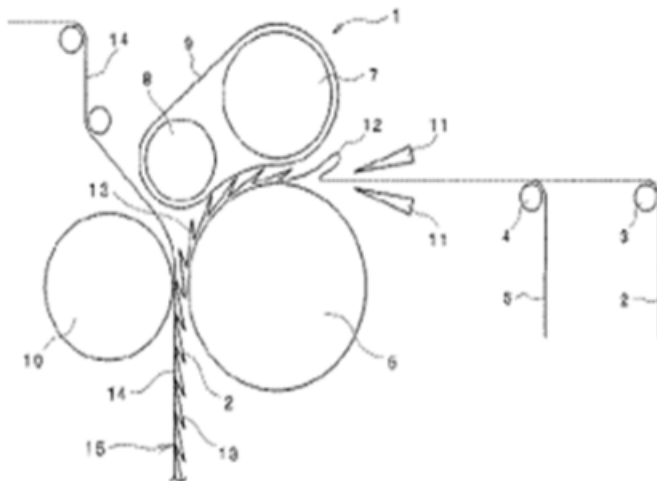
D06J**PLEATING, KILTING OR GOFFERING TEXTILE FABRICS OR WEARING APPAREL (by sewing [D05B](#))****Definition statement**

This place covers:

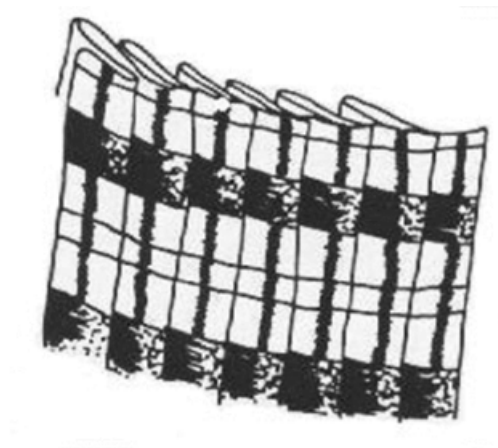
Methods for pleating, kilting or goffering textile fabrics or wearing apparel including of mechanical or physical processing with or without using heat, steam or treatment composition and also the combination thereof.

Apparatus for pleating, kilting or goffering textile fabrics or wearing apparel such as fabric folding mechanisms, pleat forming devices, pleating machines, including kilting machines, pressing patterns, ironing devices specially adapted for forming goffers or pleats, e.g. fluting irons, pleating irons or goffers.

Illustrative examples of the subject matter classified in this place:

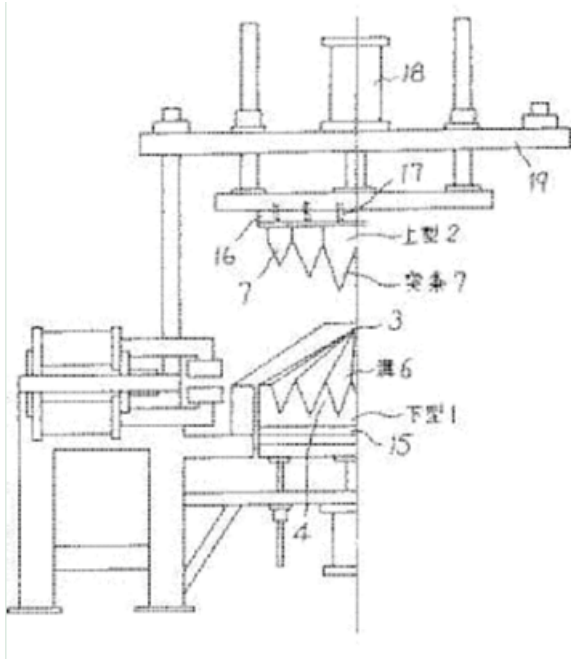
1. Pleating

Pleating is a method of an arrangement of fold by doubling the material upon itself and then pressing it into place. The Figure illustrates pleats (13) were formed via rollers (6) and (10).

2. Kilting

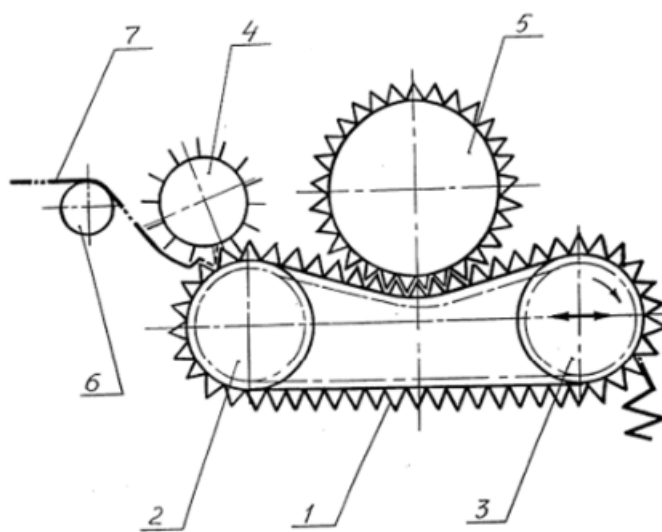
Kilting is a method of a perpendicular arrangement of flat, single plaits, each plait being folded so as to cover half the breadth of the preceding one (generally to make three thicknesses of stuff), as on kilt. A system of pleating a kilt in which one full set of the tartan pattern is taken up in each pleat, resulting in a reproduction of the pattern across the back of the kilt. Box pleats or knife pleats are used for pleating a kilt.

3. Goffering

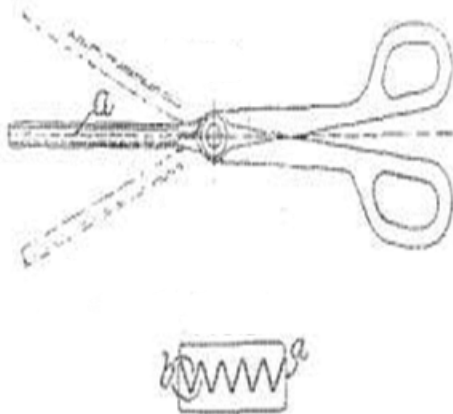


Goffering is the process of creating frills in textile fabrics or wearing apparel so that they are evenly and finely gathered, e.g. make wavy by means of heated goffering iron, or other forms of goffers by pressing or stamping with patterned tools as shown.

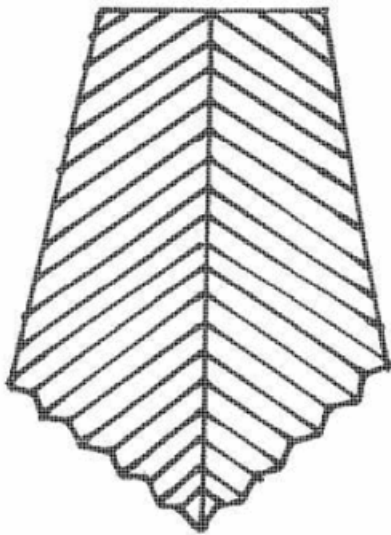
4. Pressing or stamping device



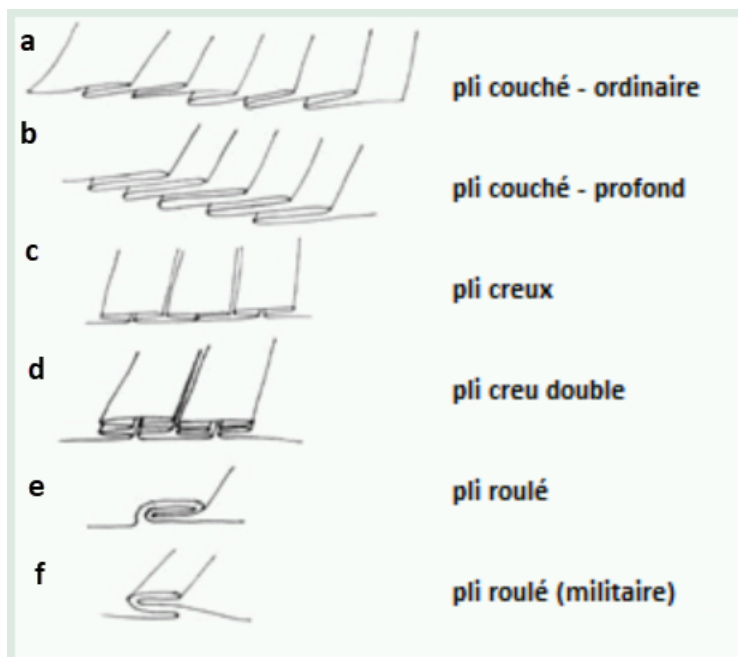
5. Goffering scissors



6. Herringbone goffer pattern



7. Forms of pleats or the like, e.g. accordion pleats, kilt pleats, box pleats or goffers



In Figure 7: (a) plain folds or pleats, (b) double folds or pleats, (c) box pleats, (d) double box pleats, (e) rolled pleats and (f) military rolled pleats.

Relationships with other classification places

Between subclass [D06J](#) and subclasses [D06B](#), [D06C](#), [D06F](#) and [D06M](#), multiple classification can be used.

When classifying methods or apparatus for pleating, kilting or goffering textile fabrics or wearing apparel, subclass [D06J](#) can be used together with other subclasses:

- [D06B](#) or [D06M](#) if different kinds of particular treatment of textile fabrics or wearing apparel are applied before or during making pleats;
- [D06C](#) if the treatment of textile fabrics or wearing apparel is applied after making pleats, e.g. such finishing treatment as setting covered by group [D06C 7/02](#) or pressing or ironing covered by group [D06C 15/00](#); and
- Main group [D06F 71/00](#) that partially covers apparatus for forming pleats or goffers since the part of subclass [D06F](#) under the Guidance heading "Ironing; Pressing" ([D06F 61/00](#) - [D06F 79/00](#)) covers general aspects of ironing or pressing apparatus, mostly used for smoothing or removing wrinkles from clothes, linen or other textile articles but as well the aspects of special purpose, e.g. for forming pleats or goffers (group [D06F 71/00](#)).

Pleating or kilting textile fabrics or wearing apparel, by weaving, is classified in subclass [D03D](#).

References

Limiting references

This place does not cover:

Pleating or kilting textile fabrics or wearing apparel, by sewing	D05B
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Processes or apparatuses for shaping plastics by folding	B29C 53/00
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Corrugating or creasing paper, or material worked in a manner analogous to paper, without removing material	B31F
Folding thin materials	B65H 45/00
Pleating or kilting textile fabrics or wearing apparel, by weaving	D03D
Treating textile fabrics or wearing apparel after forming pleats or goffers	D06C
Apparatus for hot-pressing or cold-pressing clothes, linen or other textile fabrics for forming pleats or goffers	D06F 71/00

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

goffer (also gauffer)	an iron or a heated tool used for pressing ridges or narrow pleats; to make wavy, flute or crimp with a heated iron. An ornamental frill made by pressing pleats; a series of pleats, crimps or flutes.
kilt pleat	a perpendicular arrangement of flat, single plaits, each plait being folded so as to cover half the breadth of the preceding one
kilt	a garment with pleats
kilting	providing a garment with kilt pleats
pleat	a fold in cloth made by doubling the material upon itself and then pressing it into place. Pleats can be pressed (i.e. ironed), non-pressed for round folds or heat-set for sharp creases.
textile fabrics	woven, knitted and non-woven textile fabrics

Synonyms and Keywords

In patent documents, the following words/expressions are often used as synonyms:

- "pleat", "flute", "crimp", "fold", "plait" and "crease"

In patent documents, the following words/expressions are often used with the meaning indicated:

dart	tapered tuck stitched in a garment in order to shape it
goffering	corrugating
pleating	folding