

**CPC****COOPERATIVE PATENT CLASSIFICATION****F16S****CONSTRUCTIONAL ELEMENTS IN GENERAL; STRUCTURES BUILT-UP FROM SUCH ELEMENTS, IN GENERAL****NOTE**

This subclass does not cover similar elements and structures, restricted to use in the building art, which are covered by subclass [E04C](#) .

**Guidance heading:****F16S 1/00**

**Sheets, panels, or other members of similar proportions; Constructions comprising assemblies of such members** (built-up gratings [F16S 3/00](#); layered products [B32B](#) )

**NOTE**

In general shape the members may be flat or curved, but they may depart from such shape in detail over part or all of their area, e.g. they may be corrugated, ribbed, flanged; ribs, flanges or the like may be separately formed.

**F16S 1/02**

- designated for being secured together edge to edge, e.g. at an angle; Assemblies thereof

**F16S 1/04**

- produced by deforming or otherwise working a flat sheet ([honeycomb](#) or other core members for layered products [B32B 3/00](#), e.g. [B32B 3/12](#), [B32B 3/24](#), [B32B 3/26](#))

**F16S 1/06**

- .. by deforming only

**F16S 1/08**

- .. by cutting or perforating, with or without deformation

**F16S 1/10**

- Composite members, e.g. with ribs or flanges attached ([F16S 1/02](#) takes precedence)

**F16S 1/12**

- of substantial thickness, e.g. with varying thickness, with channels

**F16S 1/14**

- Assemblies of such members with members of forms covered by group [F16S 3/00](#) or [F16S 5/00](#) (such other members being for jointing only [F16S 1/02](#))

**F16S 3/00**

**Elongated members, e.g. profiled members; Assemblies thereof; Gratings or grilles** (gratings or grilles formed from a sheet or the like [F16S 1/00](#), [F16S 1/08](#); frames for doors, windows or the like [E06B 1/00](#), [E06B 3/00](#))

**F16S 3/02**

- composed of two or more elongated members secured together side by side

**F16S 3/04**

- designed for being joined to similar members in various relative positions

**F16S 3/06**

- Assemblies of elongated members ([F16S 3/02](#), [F16S 3/04](#) take precedence)

**F16S 3/08**

- .. forming frameworks, e.g. gratings

**F16S 5/00**

**other constructional members not restricted to an application fully provided for in a single class**