

ABSTRACT

THIN-WALLED, COLD-FORMED LIGHTWEIGHT STRUCTURAL PROFILE ELEMENT AND METHOD FOR PRODUCING SUCH A PROFILE ELEMENT

The invention relates to a thin-walled, cold-formed profile element, in particular a structural profile, for example a drywall construction, facade, plaster, screed, tile or cable carrier profile or a shelf or drain rail. The profile element has an elongated profile body (2), in particular metallic or consisting of plastic, in which a multiplicity of openings (5) is formed. The profile body comprises at least two separately constructed longitudinal sections (10, 11), each longitudinal section (10, 11) comprising a serpentine longitudinal edge (12, 13). The longitudinal sections (10, 11) each comprise an elongated section (16, 17) and a plurality of connecting sections (14, 15) projecting laterally beyond the elongated section, which are bordered by the serpentine longitudinal edge (12, 13). The connecting sections (14) of the one longitudinal section (10) face the connecting sections (15) of the other longitudinal section (11) and are in each case welded to the latter edge to edge or joined to one another along curved abutting edges. At least in some sections, the openings (5) are bordered by sections of the serpentine longitudinal edges (12, 13).

Figure 1