Title (en)

STEREOSCOPIC AXONOMETRIC TEMPLATE FOR AXONOMETRIC REPRESENTATIONS.

Title (de)

RAUMBILDLICHE AXONOGRAPH-ZEICHENSCHABLONE FÜR AXONOMETRISCHE DARSTELLUNGEN.

Title (fr)

GABARIT AXONOMETRIQUE STEREOSCOPIQUE POUR REPRESENTATIONS AXONOMETRIQUES.

Publication

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Application

EP 81900052 A 19801211

Priority

HU 8000008 W 19801211

Abstract (en)

[origin: WO8202023A1] The template is made from a plate of transparent and hard synthetic material, with a thickness of about 11/2 mm. The axonometric representations of circles, that is to say the projections of the circles, are arranged so that the small axes of the projections of the circles adjoined to the different series are located on a straight line. The lateral sides of the template extend in the same direction as the axonometric axes which subtend the angles //c, ss, //c, The projections of the circles of different diameters are adapted by their centers to the perpendicular of the co-ordinate planes defined by the co-ordinates, that is to say to the straight lines of the small axes of the projections of circles which represent in the space their rotation axes. The axonometric axes traversing the centers of large projections of circles are at the same distance from the lateral sides which are parallel to the axes. The lateral sides are provided with a scale which corresponds to the scale of the axonometric parallel axes. The stereoscopic template may be obtained for any system of axonometric axes. It has advantageously an hexagonal shape.

Abstract (fr)

Le gabarit est fabrique a partir d'une plaque de matiere synthetique transparente et dure, d'une epaisseur d'environ 11/2 mm. Les representations axonometriques des cercles, c'est-a-dire les projections des cercles, sont disposees de facon que les petits axes des projections des cercles adjoints aux differentes series sont disposes sur une ligne droite. Les bords lateraux du gabarit s'etendent dans la meme direction que les axes axonometriques qui soustendent les angles (Alpha), (Beta), (Alpha). Les projections des cercles de diametres differents s'adaptent par leurs centres aux perpendiculaires des plans de coordonnees definis par elles, c'est-a-dire aux droites des petits axes des projections des cercles qui representent dans l'espace leurs axes de rotation. Les axes axonometriques traversant les centres des grandes projections des cercles sont a meme distance des bords lateraux qui sont paralleles aux axes. Les bords lateraux sont munis d'une echelle qui correspond a l'echelle des axes paralleles axonometriques. Le gabarit stereoscopique peut etre obtenu pour n'importe quel systeme d'axes axonometriques. Il prend avantageusement la forme d'un hexagone.

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