

Title (en)

SYSTEM FOR CONNECTING PARTS OF A THREE-DIMENSIONAL MECHANICAL MODEL

Title (de)

SYSTEM ZUM VERBINDEN VON TEILEN EINES DREIDIMENSIONALEN MECHANISCHEN MODELLS

Title (fr)

SYSTÈME DE CONNEXION DE PIÈCES D'UN MODÈLE MÉCANIQUE TRIDIMENSIONNEL

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Application

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Abstract (en)

[origin: EP3574969A1] The invention relates to systems for connecting stationary and movable parts in three-dimensional mechanical model sets. The present system consists of at least two planar connectable parts (1, 2) and a set of connecting elements, said set containing a plate (3) with locks in the form of transverse grooves at opposing ends of one of the surfaces of the plate, and a thrusting element (4). The plate (3) and the thrusting element (4) have a rectangular cross section. The connectable parts (1, 2) have through openings (8), the shape and sizes of which correspond to the shape and sizes of the cross section of the locks (9) and the opposing end portions of a thrusting element (4). The plate (3) and the thrusting element (4) are designed to be capable of exerting a mutual thrusting effect on one another when the aforementioned parts are assembled and of locking one another in place under the mutual thrusting effect. The system provides more reliable connection of model parts on first assembly and on subsequent reassemblies as a result of the locking of the connecting elements.

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