

Lock of yielding joint of metal frame yielding support made of mine special profiles has slats with openings, fixation cramps in П-like form with threaded ends going through openings in slats, inner and outer special profiles placed between those with overlap, amplifiers-stabilizers, nuts and tightening pins. To decrease metal consumption, to preserve reliability and stability of operation of power lock in mode of yielding bearing slats are placed in parallel to flanges of mine special profile, amplifiers-stabilizers are arranged as hemi-spheres with end plane and openings for П-like cramp in zone of poles, outer surface of the sphere formed at connection of both hemi-spheres at equator circle is in contact with side wall of the inner special profile, at that the end plane of the pole of one of hemi-spheres rests on the slat of the lock, and the opposite end surface of the other hemi-sphere is brought to thrust with flange of the inner mine special profile, on the surface of amplifiers-stabilizers slots are formed, and the slats are tightened to each other with tightening pins with forced locking of the structure.