

Covered wagon, the structure of which consists of a crew compartment module (1) containing two two-axle bogies, an automatic coupler module (2), a braking equipment module (3), a body module (4), and a frame module (5). The frame module (5) comprises a spine beam (6), kingpin beams (9), side beams (10), cross beams (11), longitudinal beams (12), main crossbeams (13), end beams (14), diagonal braces (17), as well as short and long cantilever beams (18). The body module (4) comprises two side walls, each having a sheathing and a frame consisting of a top rail (19), body pillars (20), door pillars (21), and corner pillars (22), two end walls, each with sheathing and a frame consisting of an upper stringer (23) and posts (24), as well as a roof (25) with sheathing and a frame consisting of arches. To increase the fatigue strength of the wagon frame and, consequently, extend its service life, the spine beam (6) consists of two channel-shaped profiles (7) that interact with each other via vertical plates (8), with the flanges of the channel-shaped profiles (7) facing inward beam, and the end beams (14) formed by a single channel-shaped profile (15) that interacts with a vertical plate (16).