

ABSTRACT**CARBODY OF RAILCAR**

A carbody of a railcar includes: an underframe; a first member provided at one of vertical sides of a vertical center of the underframe, supported by the underframe, and absorbing collision energy; a second member provided at the other vertical side of the vertical center of the underframe, supported by the underframe, and contacting an obstacle when the first member is compressed by collision with the obstacle. In a case where the second member receives a reaction force from the obstacle when the first member is compressed by the collision with the obstacle, the second member transfers to the underframe a moment load that is opposite in a rotational direction to a moment load transferred to the underframe by the first member.

Fig. 1