

Title (en)

RAIL VEHICLE COMPRISING SNOW PLOUGH

Title (de)

SCHIENENFAHRZEUG MIT EINEM SCHNEERÄUMER

Title (fr)

VÉHICULE SUR RAILS COMPRENANT UN CHASSE-NEIGE

Publication

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Application

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Abstract (en)

[origin: WO2015128166A1] The invention relates to a rail vehicle (14) comprising a vehicle body which is supported in a sprung fashion on bogies, and a snow plough (1) which has two blade plates (3) which run to a point (2) in a ploughed shape and have a C-shaped profile, and a plough blade (5) which is arranged in a vertically adjustable fashion behind the blade plates (3) in the direction of travel (4) and whose projecting portion (7), which projects downwards beyond a lower edge (6) of the blade plates (3), is adjustable. The blade plates (3) rest with their lower edge (6) on a base plate (8) which forms a cutting edge (9) which protrudes from the lower edge (6) in the direction of travel (4). According to the invention, the snow plough (1) is attached to an underframe (16) of the vehicle body in such a way that the base plate (8) of the snow plough (1) maintains a safety distance from the travel rails (15), which safety distance is predefined by maximum spring compression of the vehicle body, wherein the protruding portion (7) of the plough blade (5) is set as a function of the safety distance and of wear of the wheel tyres of rail wheels of the bogies.

IPC 8 full level

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