

Title (en)

GRIT SYSTEM FOR A RAIL VEHICLE

Title (de)

STREUMITTELANLAGE FÜR EIN SCHIENENFAHRZEUG

Title (fr)

SYSTÈME DE SABLE POUR VÉHICULE FERROVIAIRE

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Application

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Abstract (en)

[origin: WO2022128294A1] The invention relates to a grit system for a rail vehicle with a grit container (1), with a conveying device (2) and with a feeding device (3). The grit container (1) contains a grit (SM) and is connected to the conveying device (2), with the result that the grit (SM) passes from the grit container (1) into the conveying device (2). The conveying device (2) is connected to the feeding device (3), with the result that the grit (SM) passes from the conveying device (2) into the feeding device (3). The feeding device (3) is configured in such a way that the grit (SM) can be introduced in a targeted manner into a wheel region (R) and/or into a rail region (SCH) of the rail vehicle. According to the invention, the conveying device (2) comprises a driven conveying worm (2.5) which rotates about a longitudinal axis and by way of which the grit (SM) passes from the grit container (1) into a conveying chamber (2.4). Compressed air can be introduced into the conveying chamber, in order to transport the grit from the conveying chamber into the feeding device (3).

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