

Title (en)

Acoustic protection cover for one wheel of a set of wheels of a railway vehicle.

Title (de)

Schallschutzabdeckung für ein Rad eines Radsatzes eines Schienenfahrzeuges.

Title (fr)

Capot de protection acoustique pour une roue d'un train de roues d'un véhicule ferroviaire.

Publication

EP 0542712 B1 19950705 (DE)

Application

EP 92890241 A 19921112

Priority

AT 226991 A 19911114

Abstract (en)

[origin: EP0542712A1] Acoustic protection cover for a wheel of a rail vehicle. In order to damp sound vibrations, produced during rolling movement, between rail and wheel as well as possible, the acoustic protection is constructed as a hood 1 so that the best possible enclosure (covering) of the wheel disc is achieved thereby. The hood 1 can extend as far as the lower boundary profile according to the UIC standard, if necessary including a permitted degree of wear of the diameter of the wheel disc, and the hood 1 is rotatably mounted concentrically with respect to the wheel 2 on the inside of the wheel on the shaft 6 of the wheel set by means of a support bearing 5 and, on the outside of the wheel, is either also rotatably mounted on the shaft 6 of the wheel set by means of a further support bearing 5' or rigidly attached to the bearing housing 3 of the wheel set. The hood 1 can also be merely rigidly attached to the bearing housing 3 of the wheel set or borne by the bearing housing 3 of the wheel set. <IMAGE>

IPC 1-7

B61F 5/52

IPC 8 full level

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CPC (source: EP)

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Cited by

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