

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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