

Title (en)
TRACK SOUNDPROOFING ARRANGEMENT

Title (de)
SCHALLSCHUTZEINRICHTUNG FÜR GLEISE

Title (fr)
DISPOSITIF D'INSONORISATION POUR VOIES FERREES

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Application
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Abstract (en)
[origin: WO9745592A1] The invention concerns a soundproofing arrangement for tracks (1), the arrangement having sound-absorbent plates (3) which are mounted at the rails (2) of the track (1), are supported via resilient profiled members (5) on the tracks (2), and bridge the space between the rails (2) in a cantilevered manner. In order to improve the soundproofing of the plates (3), they are made of particles (9) of porous lightweight building material connected by means of a binder. The plates (3) comprise an embedded reinforcement (11). Advantageously, soundproofing cavity resonators (14) are also formed in the plates (3). In a special embodiment, the space between the rails (2) of a track is bridged by part plates (3a, 3b) which are arranged in pairs and are supported on one another at their mutually facing edges (26, 27).

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