

Title (en)
TRACK SOUNDPROOFING ARRANGEMENT

Title (de)
SCHALLSCHUTZEINRICHTUNG FÜR GLEISE

Title (fr)
DISPOSITIF D'INSONORISATION POUR VOIES FERREES

Publication
EP 0901536 B1 20021211 (DE)

Application
EP 97922748 A 19970523

Priority

- AT 9700109 W 19970523
- AT 93496 A 19960529
- AT 101596 A 19960611

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).

IPC 1-7
E01B 19/00

IPC 8 full level
E01B 19/00 (2006.01)

CPC (source: EP US)
E01B 19/003 (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE DK ES FI FR GB IT LI LU PT SE

DOCDB simple family (publication)
WO 9745592 A1 19971204; AT E229595 T1 20021215; AU 2880197 A 19980105; AU 738889 B2 20010927; CA 2255946 A1 19971204; CA 2255946 C 20060314; CN 100424268 C 20081008; CN 1219989 A 19990616; DE 59708955 D1 20030123; DK 0901536 T3 20030407; EP 0901536 A1 19990317; EP 0901536 B1 20021211; ES 2186891 T3 20030516; HU 221872 B1 20030228; HU P9903612 A2 20000228; HU P9903612 A3 20010828; JP 2000510921 A 20000822; JP 3822641 B2 20060920; NO 316078 B1 20031208; NO 985600 D0 19981130; NO 985600 L 19981130; TW 345603 B 19981121; US 6253872 B1 20010703

DOCDB simple family (application)
AT 9700109 W 19970523; AT 97922748 T 19970523; AU 2880197 A 19970523; CA 2255946 A 19970523; CN 97195049 A 19970523; DE 59708955 T 19970523; DK 97922748 T 19970523; EP 97922748 A 19970523; ES 97922748 T 19970523; HU P9903612 A 19970523; JP 54125697 A 19970523; NO 985600 A 19981130; TW 86106684 A 19970519; US 19450598 A 19981124