

Title (en)
Absorption body for the reduction of airborne noise

Title (de)
Absorptionskörper zur Luftschallreduzierung

Title (fr)
Corps d'absorption pour la réduction de bruit aérien

Publication
EP 0771907 A1 19970507 (DE)

Application
EP 95117408 A 19951106

Priority
EP 95117408 A 19951106

Abstract (en)
Absorption bodies (1,2) made of a mixture of wood and concrete. The proportion of wood chips amounts to at least 65 percent of the total volume of aggregate material. The length of the wood chips is at least 4 cm, with a thickness of at least 1 mm and a width of at least 2 mm. The noise absorbing material is shaped into blocks. Rectangular blocks are placed between the rails of a railway track and differently-shaped rectangular blocks or blocks with shoulders may be placed outside the rails.

Abstract (de)
Absorptionskörper zur Luftschallreduzierung, welcher zwischen und/oder an den Gleisen eines Gleiskörpers angeordnet werden kann und aus einem Holzbeton gefertigt ist. <IMAGE>

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E01B 19/00

IPC 8 full level
E01B 19/00 (2006.01)

CPC (source: EP)
E01B 19/003 (2013.01); **E01B 2204/11** (2013.01)

Citation (applicant)
DE 9417848 U1 19941222 - DYCKERHOFF & WIDMANN AG [DE]

Citation (search report)
• [YDA] DE 9417848 U1 19941222 - DYCKERHOFF & WIDMANN AG [DE]
• [Y] DE 9001449 U1 19900412
• [A] DE 9417008 U1 19950309 - BETONWERK RETHWISCH GMBH [DE]
• [A] DE 9212474 U1 19930121
• [A] FR 2683368 A1 19930507 - PREFATECH SA [CH]
• [A] US 5324469 A 19940628 - WALTER HANSRUEDI [US], et al
• [A] HAUCK ET AL.: "Untersuchungen zur Verringerung der Schallabstrahlung von "Festen Fahrbahnen" durch absorbierende Fahrbahnbeläge", STRASSEN- UND TIEFBAU, vol. 44, no. 7/8, ISERNHAGEN, pages 559 - 565, XP000195371

Cited by
EP2865809A1; CN111535082A; CN102587231A; CN106812034A; DE10033000A1; EP1170419A3; NL1012649C2; AT411911B; WO0106059A1; WO0102646A1

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