

Title (en)  
SOUND BARRIER

Title (de)  
SCHALLSCHUTZBARRIERE

Title (fr)  
ÉCRAN ACOUSTIQUE

Publication  
**EP 4310253 A1 20240124 (EN)**

Application  
**EP 22188805 A 20220804**

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Abstract (en)  
The present invention relates to a sound barrier, which is an acoustic barrier that prevents environmental noise from motor vehicles, rail systems or ventilation units from spreading into the city and reaching people in the building, to be built around the facility or unit at points such as roads or railways, cooling units, industrial facilities, or entertainment venues. The sound barrier of the present invention comprises 5-45 mm single row Q188 steel mesh (1), 5-35 mm wipe iron (3) and 15-45 mm wipe iron (2), Styrene Butadiene Rubber (SBR) granules obtained from the recycling of 1-9 mm end-of-life tires (ELT), binder, water, accelerator, and fire retardant.

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**E01F 8/00** (2013.01); **E01F 8/0029** (2013.01); **E01F 8/007** (2013.01); **E01F 8/02** (2013.01)

Citation (applicant)  
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