

Title (en)
Noise reduction wall for exterior

Title (de)
Aussenschallschutzwand

Title (fr)
Mur anti-bruit pour extérieur

Publication
EP 1149952 A3 20030326 (DE)

Application
EP 01810385 A 20010420

Priority
CH 8152000 A 20000426

Abstract (en)
[origin: EP1149952A2] A sound absorbing wall is constructed by stacking horizontal wooden beams (12) stabilised by vertical supports. The joining faces of the beams are contoured to key into each other and to form acoustic openings (18) which are shaped to absorb sound through multiple internal reflections. The openings are tulip shaped in cross section and are formed between two adjacent beams. They extend up to 70 percent of the thickness of the beams and can be angled to align with the sound source.

IPC 1-7
E01F 8/00

IPC 8 full level
E01F 8/00 (2006.01)

CPC (source: EP)
E01F 8/0011 (2013.01); **E01F 8/0023** (2013.01); **E01F 8/0076** (2013.01)

Citation (search report)

- [A] EP 0701024 A1 19960313 - CYCROLLO AG [CH]
- [A] DE 3322189 A1 19850110 - SF VOLLVERBUNDSTEIN [DE]

Cited by
DE102006003304A1; DE102010009987A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1149952 A2 20011031; EP 1149952 A3 20030326; CH 694373 A5 20041215

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EP 01810385 A 20010420; CH 8152000 A 20000426