

Title (en)

Vibrations damper for escalator or moving walkway

Title (de)

Schwingungsdämpfer für Fahrtreppe bzw. Fahrsteig

Title (fr)

Amortisseur de vibrations pour escalier ou tapis roulant

Publication

EP 1262440 B1 20071107 (DE)

Application

EP 02011315 A 20020523

Priority

- EP 02011315 A 20020523
- EP 01810538 A 20010601

Abstract (en)

[origin: EP1262440A1] Vibration dampers (5) may be fitted at various points (2,3,4,6) on the escalator (1) where mechanical vibrations are likely to occur. Each damper has a lower plate (7) which may be connected to a vibrating body. A top plate (8) is connected to the lower plate by springs (9,10). Damping is performed by mechanical friction between sets of lamellae (11). Lamellae extending up from the bottom plate fit between lamellae extending down from the top plate.

IPC 8 full level

B66B 23/00 (2006.01)

CPC (source: EP US)

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Cited by

DE102015215531A1; EP3199484A1; CN107021401A; US10029890B2; WO2017029144A1; US10393217B2

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EP 1262440 A1 20021204; EP 1262440 B1 20071107; AT E377571 T1 20071115; BR 0201971 A 20030422; BR 0201971 B1 20101005; CA 2386592 A1 20021201; CA 2386592 C 20100720; CN 1197760 C 20050420; CN 1389390 A 20030108; CZ 20021878 A3 20030312; CZ 298931 B6 20080312; DE 50211153 D1 20071220; DK 1262440 T3 20080121; ES 2295257 T3 20080416; HK 1051841 A1 20030822; JP 2003002573 A 20030108; JP 4169532 B2 20081022; MY 130751 A 20070731; US 2002179403 A1 20021205; US 2005061607 A1 20050324; US 6834753 B2 20041228; US 6955254 B2 20051018

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