

Title (en)
Vibration reduced composite girder

Title (de)
Schwingungsarmer Verbundträger

Title (fr)
Poutre mixte à vibration amortie

Publication
EP 0693600 B1 20010207 (DE)

Application
EP 95110313 A 19950702

Priority
DE 4425310 A 19940718

Abstract (en)
[origin: EP0693600A1] The horizontal support beam (4) is normally under tension when loaded and has the load bearing surface (2) attached to its upper edge by special fittings (6) which allow some relative movement between the surface and the beam. The load bearing surface is under compression. The maximum amount of relative movement is 10 mm and can be backed by elastic padding. A construction has fastening bolts located in an elastic padding. The elastic padding can be an intermediate layer between the beam and the surface, with the friction providing damping. The fastenings can be at selected points along the structure. <IMAGE>

IPC 1-7
E04C 3/294

IPC 8 full level
E01D 2/02 (2006.01); **E04C 3/29** (2006.01); **E04C 3/293** (2006.01); **E04C 3/294** (2006.01)

CPC (source: EP)
E01D 2/02 (2013.01); **E04C 3/291** (2013.01); **E04C 3/293** (2013.01); **E01D 2101/268** (2013.01)

Cited by
CN108867345A; DE102019112608A1

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL

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EP 0693600 A1 19960124; **EP 0693600 B1 20010207**; AT E199104 T1 20010215; DE 4425310 A1 19960222; DE 59509009 D1 20010315

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