

Title (en)

Moment-resisting beam to column connection

Title (de)

Träger-Stützenverbindung mit Momentwiderstand

Title (fr)

Connexions poutre-à-colonne résistant au moment de flexion

Publication

EP 1132534 A2 20010912 (EN)

Application

EP 01105947 A 20010309

Priority

TR 200000700 A 20000309

Abstract (en)

A method of connecting a pre-cast horizontal building element (beam) (3) to a pre-cast vertical building element (column) (2) by post-tensioning after one end (4) of the said beam (3) leans laterally on one side face (5) of the said column, and as a result of obtaining a connection (1) which is capable of transferring moment of flexion and shear force whereby the connection exhibits reliable and sufficient strength for resistance against seismic loads. Post-tensioning the beam (3) to the column (2) is performed by the tensioning and locking of the post-tensioning tendons (8) which are fed in the tendon sleeves (7) that are embedded in the column (2). <IMAGE>

IPC 1-7

E04B 1/20; E04C 5/08

IPC 8 full level

E04B 1/21 (2006.01)

CPC (source: EP)

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