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(54) **Moment-resisting beam to column connection**

(57) 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 mo-

ment 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).

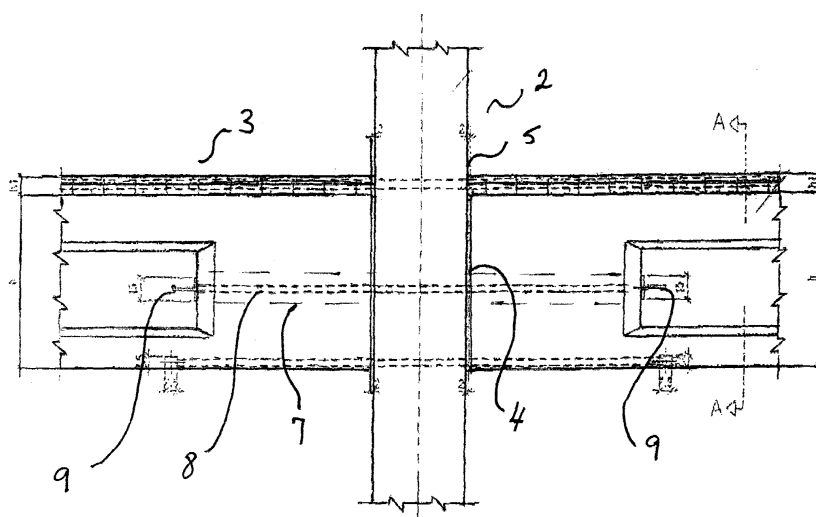


FIGURE 1

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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		21 August 2001	Demeester, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82