

Title (en)
A HINGE CELL FOR BEAM TO COLUMN CONNECTION

Title (de)
SCHARNIERZELLE FÜR EINE VERBINDUNG ZWISCHEN TRÄGER UND STÜTZE

Title (fr)
CELLULE DE CHARNIÈRE PERMETTANT UNE LIAISON DE POUTRE À COLONNE

Publication
EP 3262245 A1 20180103 (EN)

Application
EP 16731685 A 20160505

Priority
TR 2016050137 W 20160505

Abstract (en)
[origin: WO2017192107A1] A hinge cell (1) for beam to column connection, providing ground movement protection to a construction by preventing plastic bending on frames of the construction, comprising a beam plate (2) adapted for being mounted to a beam-end from its outer surface, a column plate (3) adapted for being mounted to a column surface from its outer surface, two protrusions (5) one of which is positioned perpendicularly on the inner surface of the beam plate and another of which is positioned perpendicularly on the inner surface of the column plate where a transverse hole passing through the protrusions, a pin (6) attaching the protrusions through the holes forming a rotatable joint connection between the beam plate and the column plate and a resistive bar (7) secured between the beam plate and the column plate resisting the rotational motion.

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