

ABSTRACT

STRUCTURAL MOUNTING SYSTEM

A structural mounting system for mounting of structural components (14, 15) includes a base section (10) and a co-operating section (11) each of which in use is secured to a respective structural component and which are assembled together. The base section (10) in cross-section includes an undercut (21) and the co-operating section (11) in cross-section includes a leg (35), having a toe (34) projecting laterally to engage the undercut (21). When the sections (10, 11) are being coupled together the co-operating section is rotated about its longitudinal direction relative to its final position so that lateral movement of the toe (34) to engage beneath the undercut (21) requires the co-operating section to rotate about the longitudinal axis relative to the base section to adopt its final position. Spaced linear restraint points (60, 61) and a rotation restraint point (62) together defining a triangle of points of contact to make the assembly of sections rigid. The sections (10, 11) have co-operating formations (36, 38, 46, 47, 48, 71, 73, 76) which require rotation of the co-operating section (11) relative to the base section (10) in a direction opposite to the direction of rotation to effect engagement of the toe (34) with the undercut (21) during close coupling of the two sections together until the toe (34) reaches the undercut (21) and the co-operating section (11) can rotate to its final position. Figure 1 of the drawings should accompany the abstract when published.