

MOUNTING ARRANGEMENT OF ACCELERATION DETECTING ELEMENTS

ABSTRACT

An acceleration detecting element comprises a pair of piezoelectric ceramic bodies (32) having rectangular plate shape. Inner electrodes (34) are provided between the piezoelectric ceramic bodies (32) and arranged separately from each other at a center location and end locations along a longitudinal direction of the piezoelectric ceramic bodies (32). Signal output electrodes (33) are provided on outer main surfaces of the piezoelectric ceramic bodies (32). Respective center portions (35a, 36a) and end portions (35b, 36b) of the piezoelectric bodies (32) opposed to each other via the inner electrodes (34) are polarized in a thickness direction with opposed senses (I, K; H, J).

Fig. 7