

## **ABSTRACT**

### **BUILDING PANEL**

A building panel (10) comprises a hollow elongate structure (12) having a generally rectangular cross-sectional profile. The elongate structure (12) comprises first and second outer skins (14a and 14b) joined by substantially parallel first and second side walls (16a and 16b). A connecting means (18) is provided on each side wall (16) respectively wherein, in use, adjacent panels (10) can be connected to each other side by side to form a segment (30) of a wall or roof. The elongate structure (12) further comprises a third inner skin in the form of a web (20) extending between the first and second side walls (16) so as to divide the interior of the elongate structure into two chambers. The dual chamber profile of the elongate structure (12) provides the panel (10) with additional structural strength and rigidity, as well as improved thermal and sound insulation properties. The panel (10) is preferably made of polycarbonate.

Fig. 4