

ABSTRACTEMERGENCY SHELTER

There is described a shelter comprising an array of substantially rigid panels hingedly joined together, the arrangement being such that a central polygonal roof panel is surrounded by a number of wall panels equal in number to the sides of the polygon, each wall panel having an edge hingedly attached to an edge of the roof panel, and a tension element being arranged to extend along the edges of the wall panels remote from the roof panel in such a way that by applying tension to the tension element, adjacent edges of respective wall panels can be brought together to form a three-dimensional structure. In a preferred embodiment of the invention, a shelter comprises polygonal roof and base panels of similar shape, and a number of wall panels each having a pair of parallel sides, a first one of the parallel sides of each wall panel being joined to a respective edge of the base or roof panel, and each wall panel being joined to another wall panel by a joint extending along the second of its parallel sides, at least one tension element being arranged to encircle the array of panels by passing along or adjacent the joints formed by the second parallel sides of each wall panel, the arrangement being such that when tension is applied to the tension elements, the joints between respective pairs of wall panels are drawn radially inwardly of the structure and the base and roof panels are urged apart.

Figure 2

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This Sheet Has Been Replaced