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Method and device for joining screens

Abstract

A screen is described wherein one end of the screen frame is provided with an upwardly open channel profile and the other end with a similar but downwardly open channel profile, such that the outboard edge of an upwardly open profile will fit within the channel of a downwardly open profile provided along the edge of an adjoining screen frame, to enable two such screens to be connected together and to enable linear movement in a direction generally perpendicular to the line of engagement and generally in the plane of at least one of the two screens, to be transmitted from one screen frame to the other. The engagement of one profile by another also serves to close the gap between the two screen frames and prevent at least particulate material from passing therebetween. Preferably the engagement prevents liquid from passing therebetween. The engagement may comprise a lost motion connection so as to permit one frame to be hingeable relative to the other about the connection, but still provides a reliable force-transmitting connection to enable a rear screen frame to be removed from the support structure simply by pulling out the front frame of the pair.

Figure 1

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