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(54) BUSBAR ASSEMBLY

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ABSTRACT (57)

A busbar assembly comprises an elongated support structure with

a bottom,

two side walls, extending in a length direction (L) along longitudinal sides,

two spaced-apart central ridges extending in the length direction (L),

a signal line, connected to the support structure between the central ridges,

conductor members positioned between the side walls and an adjacent central ridge, adapted for interconnecting terminals of battery cells that are adjacent when seen in the length direction (L). The sidewalls and the ridges each extend at a cover side of the bottom and define top adhesive surface strips with respective widths Ws, Wc, the strips being situated in a connecting plane and adapted for adhesive connection to a top plate of a battery pack casing.

