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(21) International Application Number: PCT/US96/06292 (22) International Filing Date: 3 May 1996 (03.05.96) (30) Priority Data: 08/491,120 16 June 1995 (16.06.95) US (71) Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (72) Inventor: SCHUELLER, Randolph, D.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (74) Agents: NEAVEHILL, Darla, P. et al.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).		(81) Designated States: CA, CN, FI, JP, KR, NO, SG , European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR , IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: GROUND PLANE ROUTING <div data-bbox="408 1290 1318 1621" data-label="Image"> </div> (57) Abstract <p>A flexible circuit construction allows solder balls (26) to be mass reflow attached to the ground plane (22) of a double-sided flexible circuit (20) by providing a first via (30) which is separate from the remainder of the ground plane (22), but which is electrically connected to the ground plane (22) through a second via (38) at a distance from the first via (30) by a circuit trace (36) on the side of the flexible circuit (20) opposite the ground plane (22).</p>		