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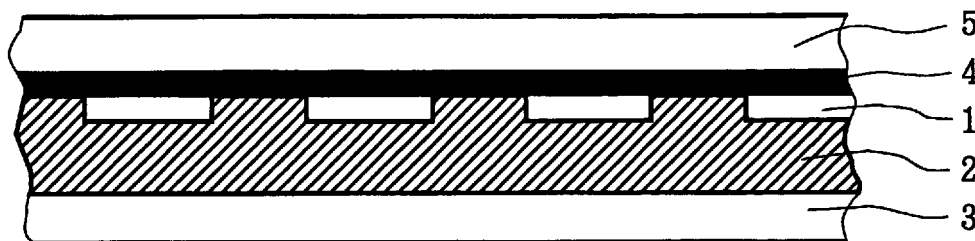
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(54) **Flat cable and fabrication thereof**

(57) A flat cable comprising a conductor, an insulating layer (a) formed via an adhesive layer on one longitudinal plane of the conductor, and a different insulating layer (b) formed on the opposite plane thereof via a 0.01-3 μm thick primer layer, said conductor being sandwiched between the insulating layers (a) and (b). The flat cable of the present invention can be made thin

to improve bending property and to reduce necessary space for wiring and the like. In addition, such flat cable can be provided economically. The flat cable can be used in high temperature, high humidity environments where it could not be heretofore applied, since the insulating property can be maintained for a long time.

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EUROPEAN SEARCH REPORT

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 96 11 7489

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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21-03-1997

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4098628	A	04-07-1978	US 4075420 A	21-02-1978

US 4381420	A	26-04-1983	US 4310365 A	12-01-1982
			AU 6709981 A	22-07-1981
			CA 1164541 A	27-03-1984
			EP 0042427 A	30-12-1981
			JP 56501743 T	26-11-1981
			WO 8101909 A	09-07-1981
			US 4351689 A	28-09-1982
			US 4367585 A	11-01-1983
