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Fig.1.

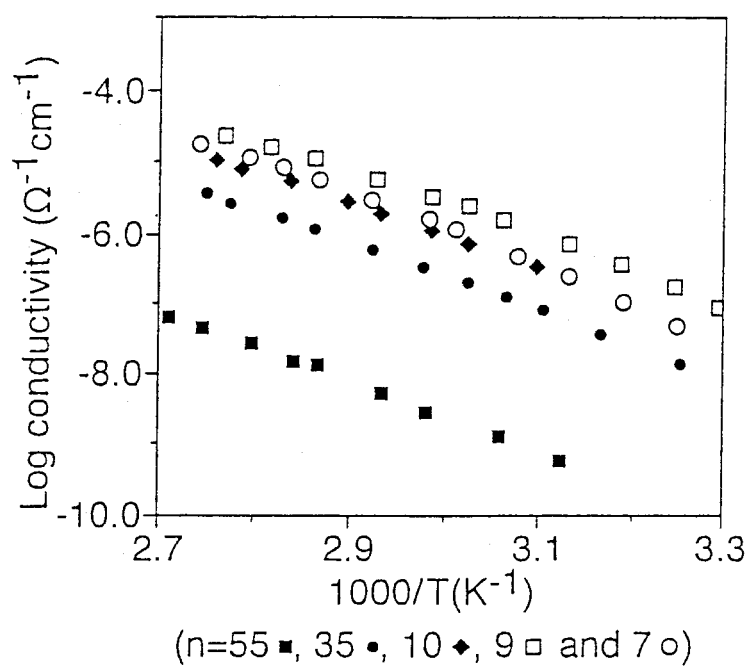
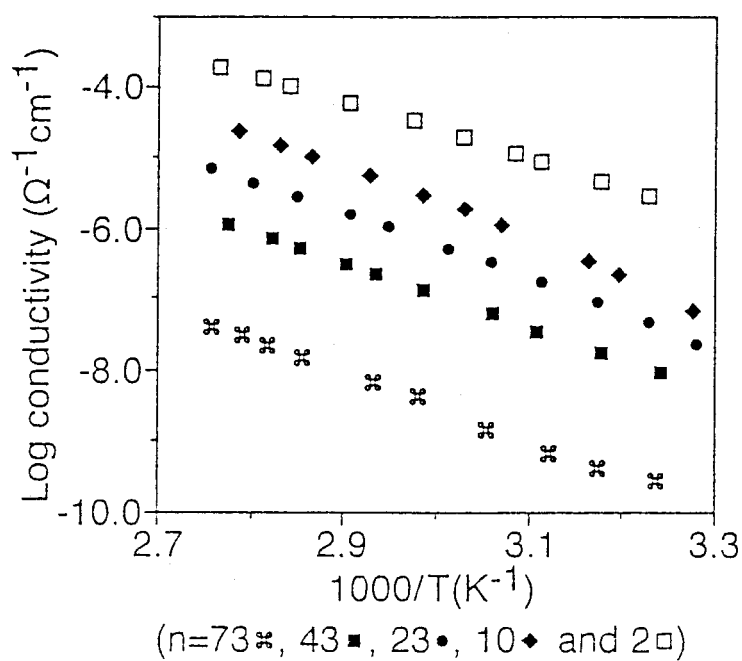


Fig.2.



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Fig.3.

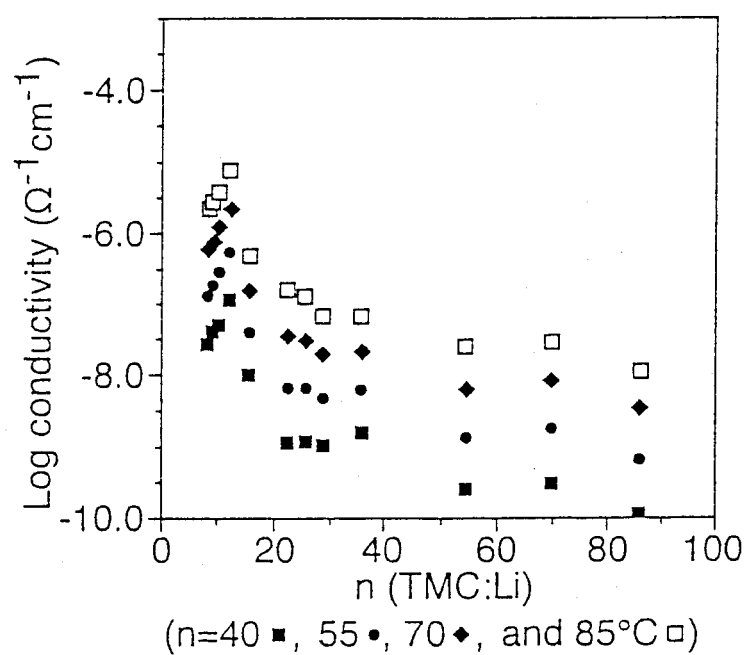
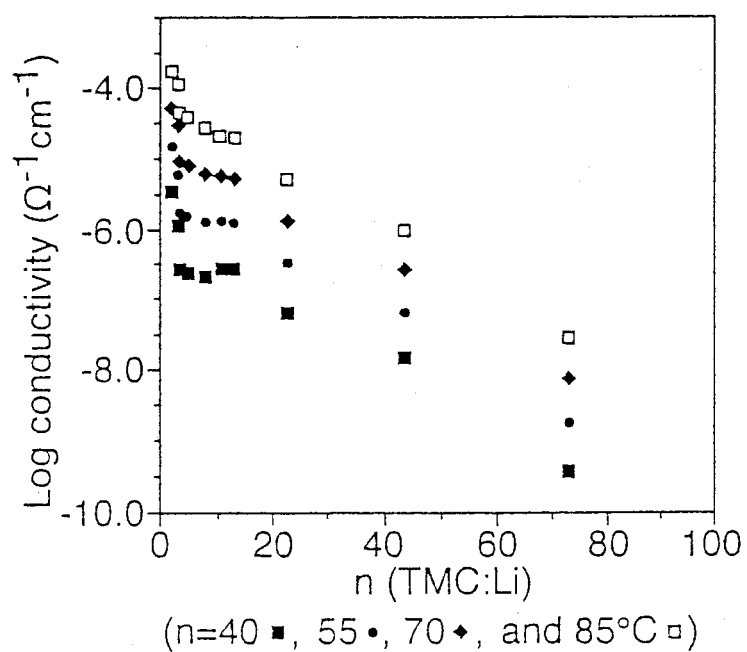


Fig.4.



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Fig.5.

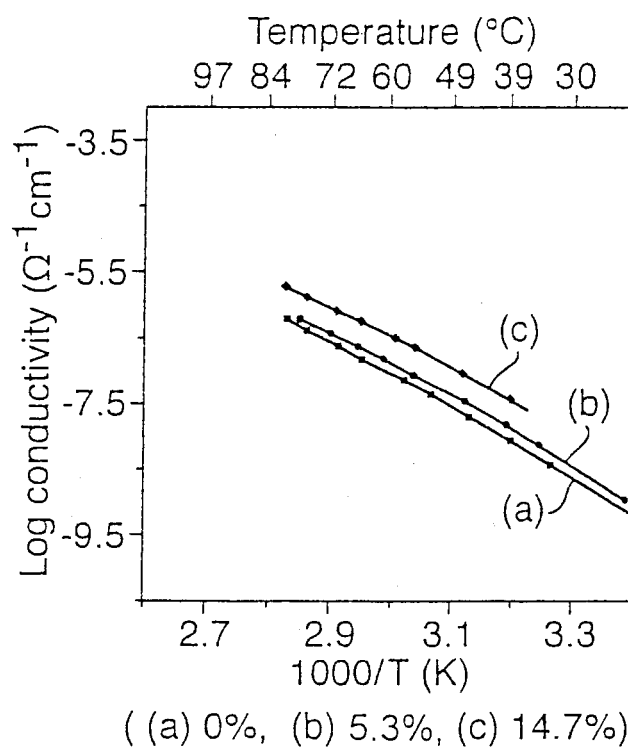
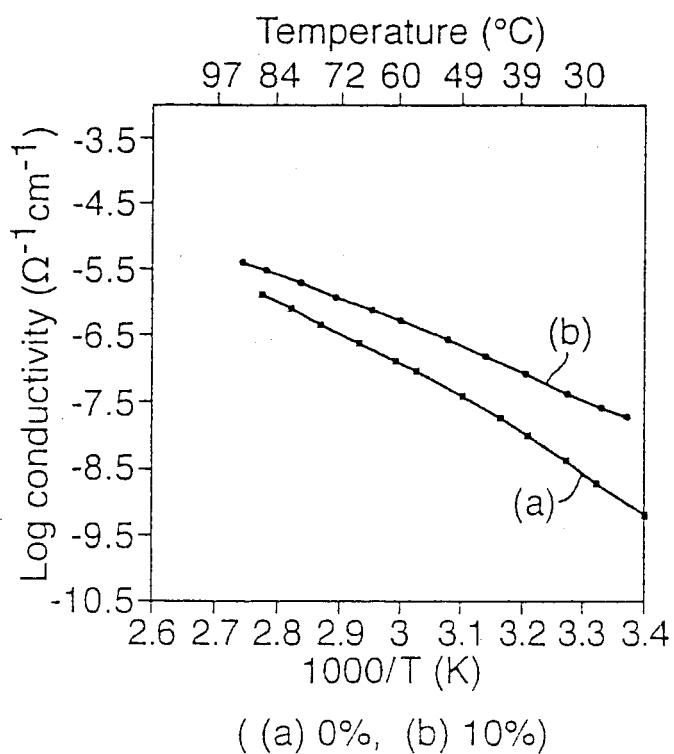
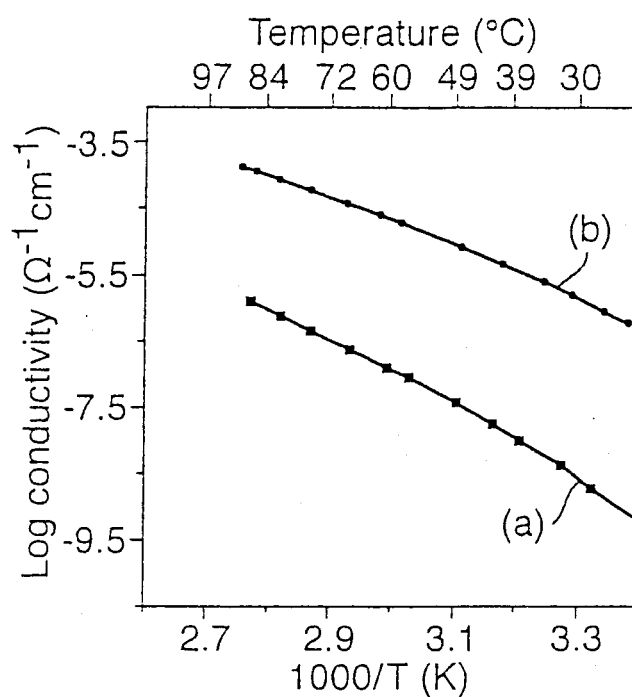


Fig.6.



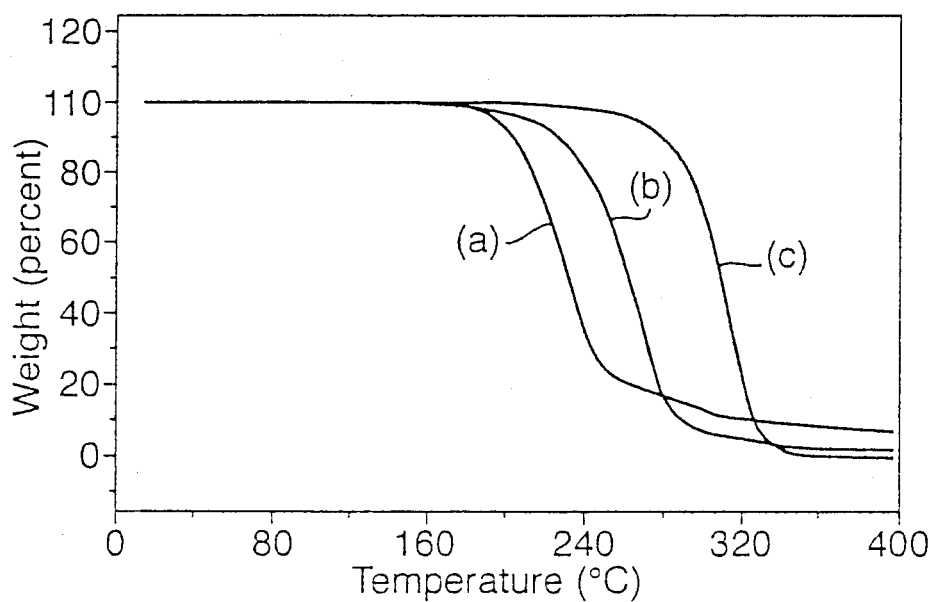
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Fig.7.



((a) 0%, (b) 10%)

Fig.8.



(a) $(\text{TMC})_8 \text{LiClO}_4$, (b) $(\text{TMC})_{10} \text{LiCF}_3 \text{SO}_3$ and
(c) pure p (TMC)

Temperature of onset of weight loss/°C

lithium perchlorate

pure polymer

lithium triflate

Electrolyte composition

Electrolyte composition	Temperature of onset of weight loss/°C
lithium perchlorate	8
lithium perchlorate	12.8
lithium perchlorate	22.6
lithium perchlorate	43.4
lithium perchlorate	70
pure polymer	230
lithium triflate	10
lithium triflate	25
lithium triflate	35
lithium triflate	45
lithium triflate	65

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Fig.10.

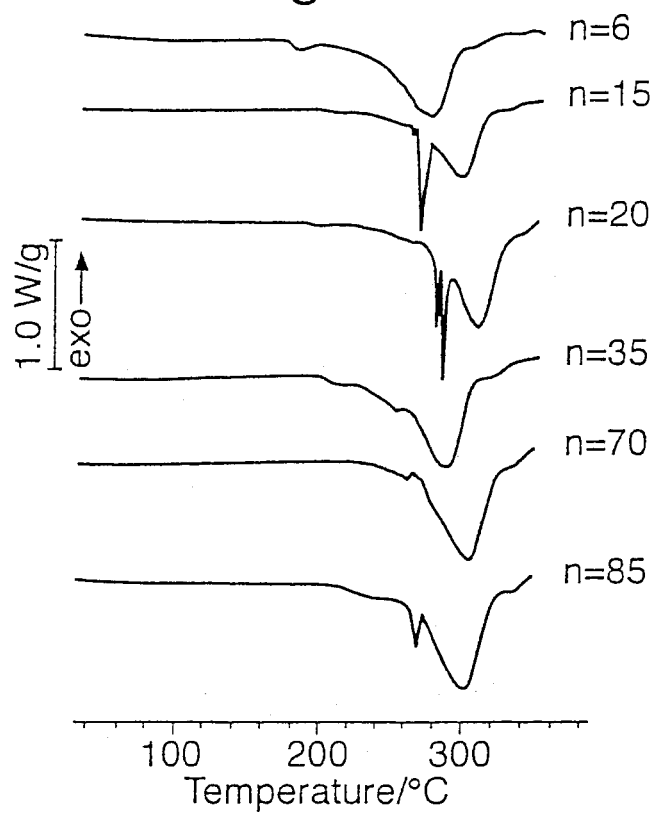


Fig.11.

