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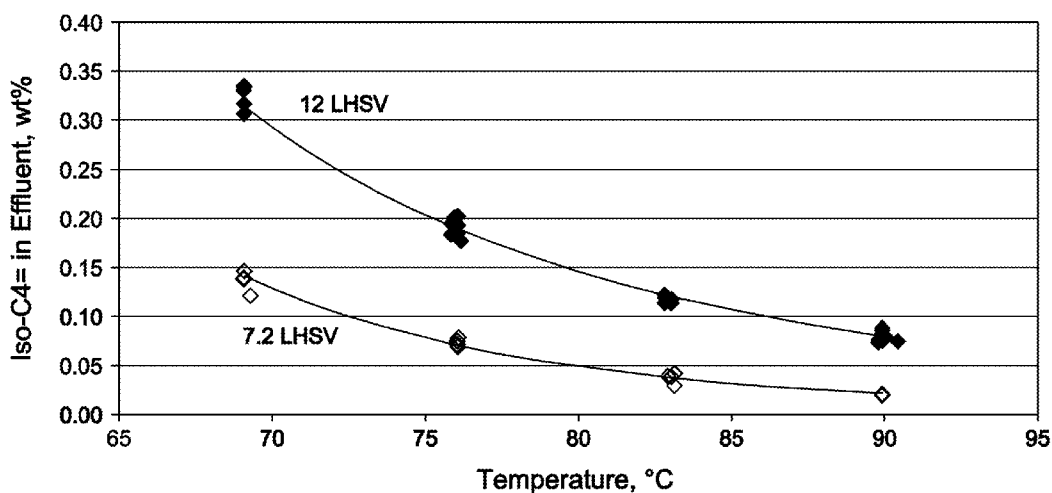
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: SELECTIVE OLIGOMERIZATION OF ISOBUTENE

Effect of Temperature on Isobutene Level



(57) Abstract: A process for oligomerizing isobutene comprises contacting a feedstock comprising isobutene with a catalyst comprising a MCM-22 family molecular sieve under conditions effective to oligomerize the isobutene, wherein said conditions including a temperature from about 45°C to less than 140°C. The isobutene may be a component of a hydrocarbon feedstock containing at least one additional C₄ alkene.

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