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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: DEHYDROGENATION PROCESS

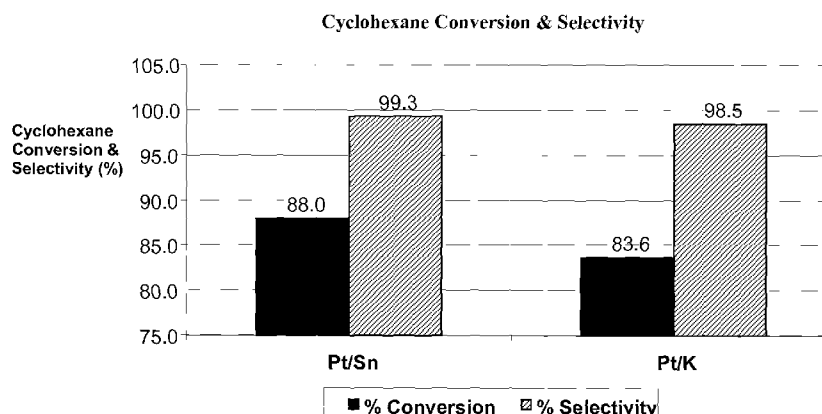


Figure 1

(57) Abstract: Disclosed herein is a process for dehydrogenating a saturated cyclic hydrocarbon and/or 5-membered ring compound with a dehydrogenation catalyst. The dehydrogenation catalyst comprises: (i) 0.05 wt% to 5 wt% of a metal selected from Group 14 of the Periodic Table of Elements; and (ii) 0.1 wt% to 10 wt% of a metal selected from Groups 6 to 10 of the Periodic Table of Elements. The process is conducted under dehydrogenation conditions effective to dehydrogenate at least a portion saturated cyclic hydrocarbon and/or 5-membered ring compound.

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