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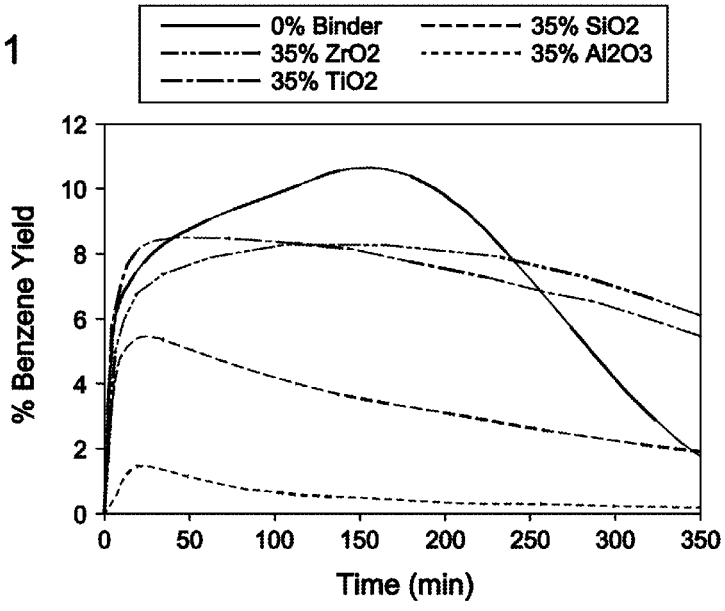
Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) **Title**: PRODUCTION OF AROMATICS FROM METHANE

Fig. 1



(57) **Abstract**: A catalyst for the conversion of methane to higher hydrocarbons including aromatic hydrocarbons comprises a support and molybdenum or a compound thereof dispersed on the support. The support comprises an aluminosilicate zeolite combined with a binder selected from silica, titania, zirconia and mixtures thereof. The catalyst is substantially free of aluminum external to the framework of the aluminosilicate zeolite.

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