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(54) **EXHAUST SYSTEM FOR ENHANCED
REDUCTION OF NITROGEN OXIDES AND
PARTICULATES FROM DIESEL ENGINES**

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(57) **ABSTRACT**

A diesel engine aftertreatment exhaust system uses catalyzed soot filters for particulate matter reduction and urea SCR catalysts for NOx reduction on diesel engines in a combined system to lower particulate matter and NOx at the same time. With this integral emission control system, diesel engines are able to meet ultra low emission standards.

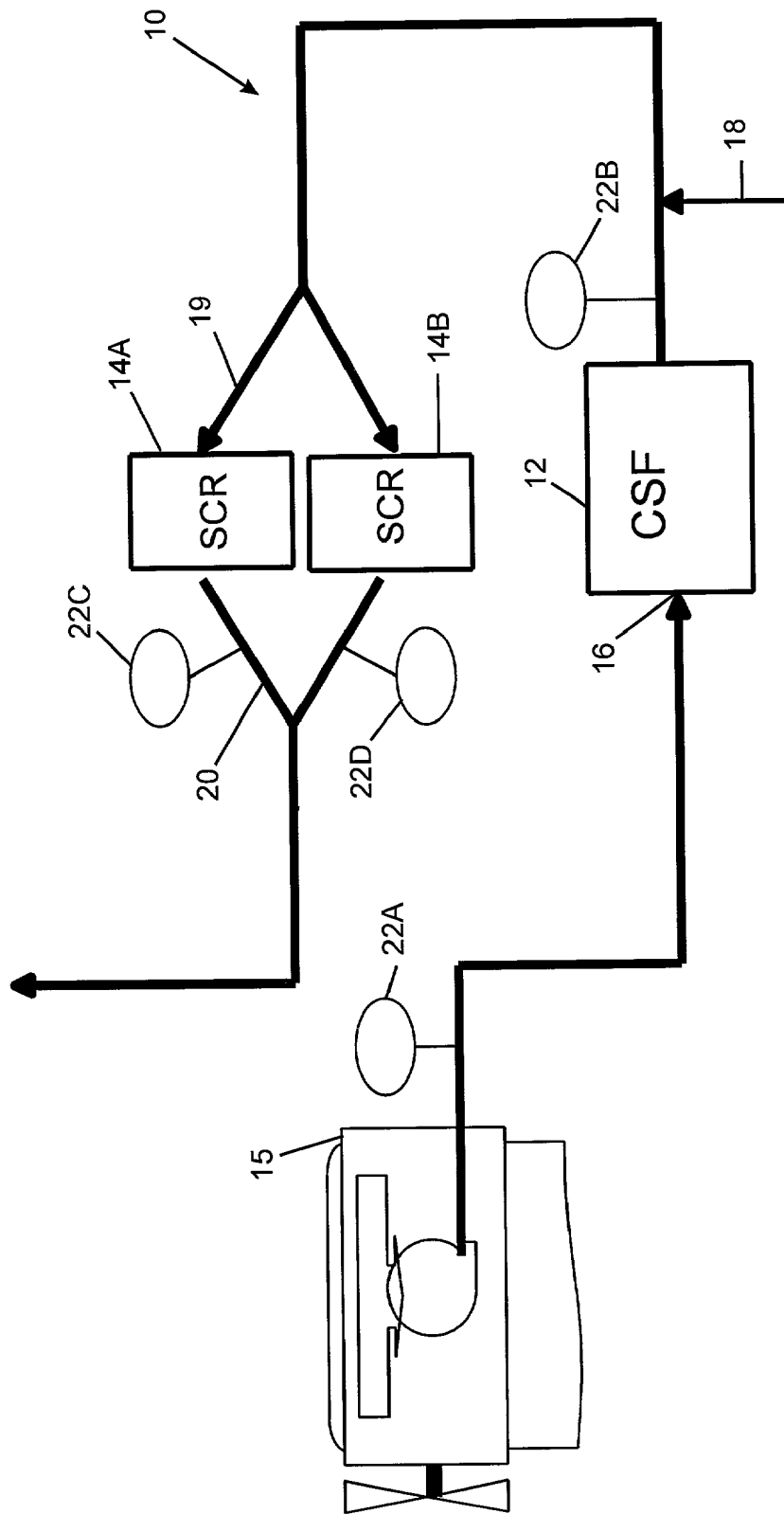


Fig. 1

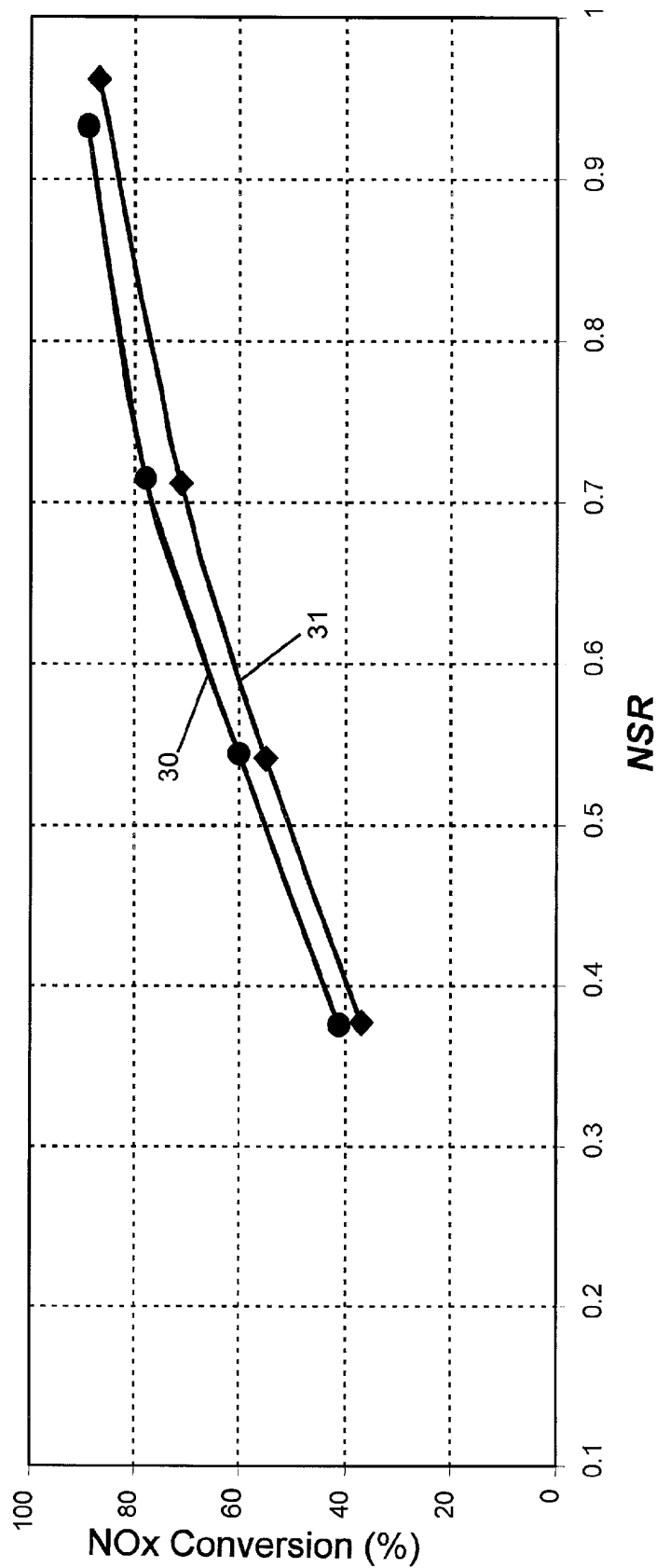


Fig. 2

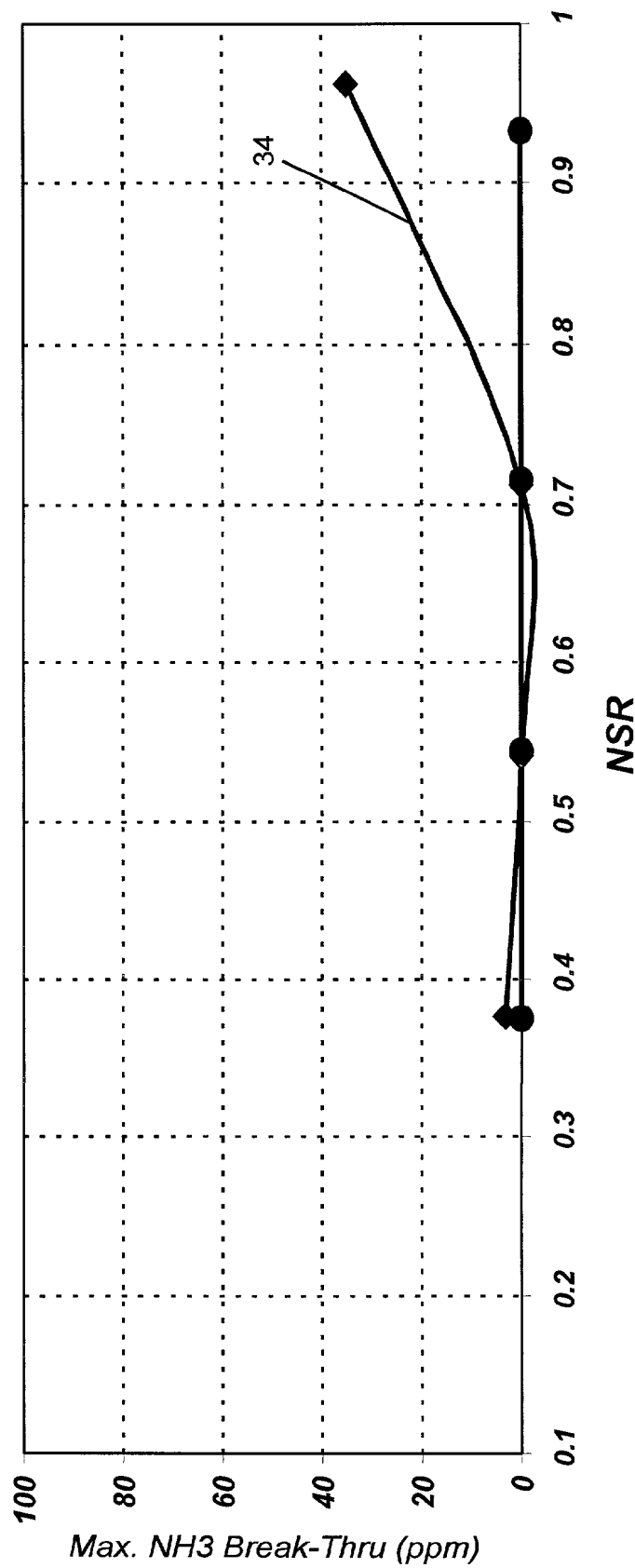


Fig. 3

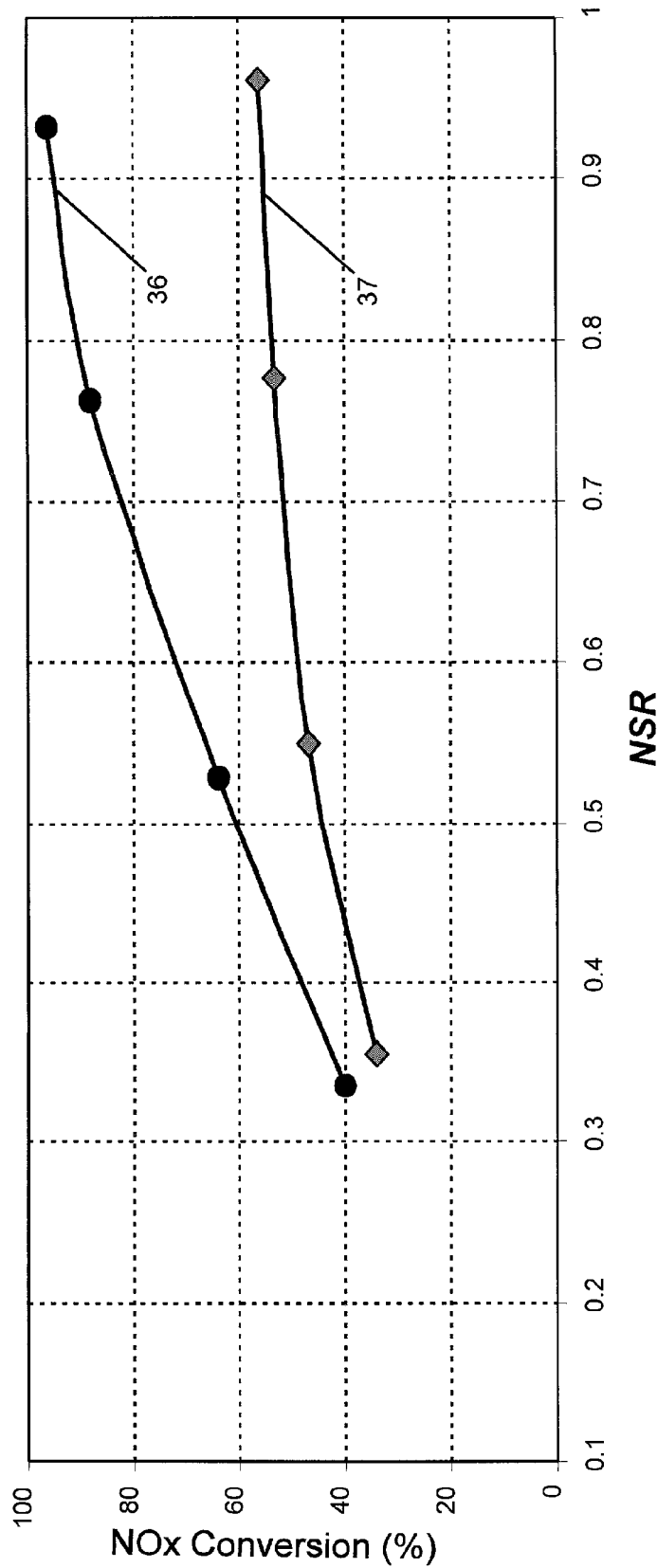


Fig. 4

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