

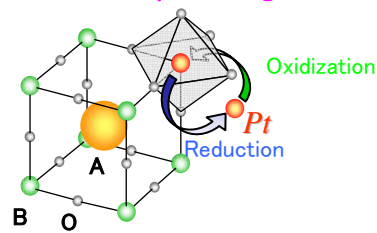
< Perovskite-type crystal * >

※ A ceramic crystal known as a high-temperature superconductor.

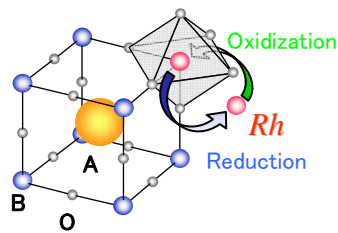
~ Schematic diagram ~

Platinum (Pt)

Super Intelligent Catalyst



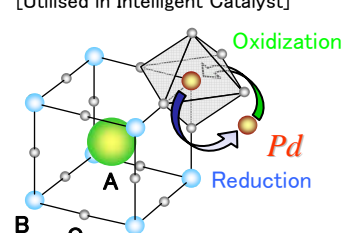
Rhodium (Rh)



- * A site: Alkaline earth element with a valence of +2 (Ca, etc.)
- * B site: Transition elements with a valence of +4 (Ti, Zr, etc.)
- * B site: Precious metals (platinum, rhodium)
- * O: Oxygen (a valence of -2)

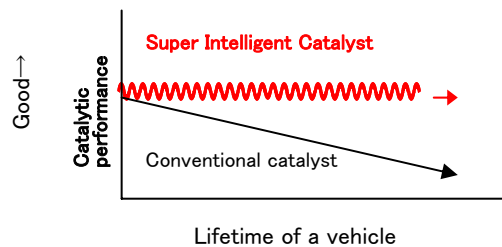
Palladium (Pd)

[Utilised in Intelligent Catalyst]



- * A site: Lanthanum
- * B site: Iron
- * B site: Palladium
- * O: Oxygen (a valence of -2)

< Catalyst's purifying performance vs. travel distance >



< Comparison of precious metal conditions in vehicle lifetime >

