

周波数感応バルブ付セミアクティブダンパー

Semi-active damper with frequency responsive valve

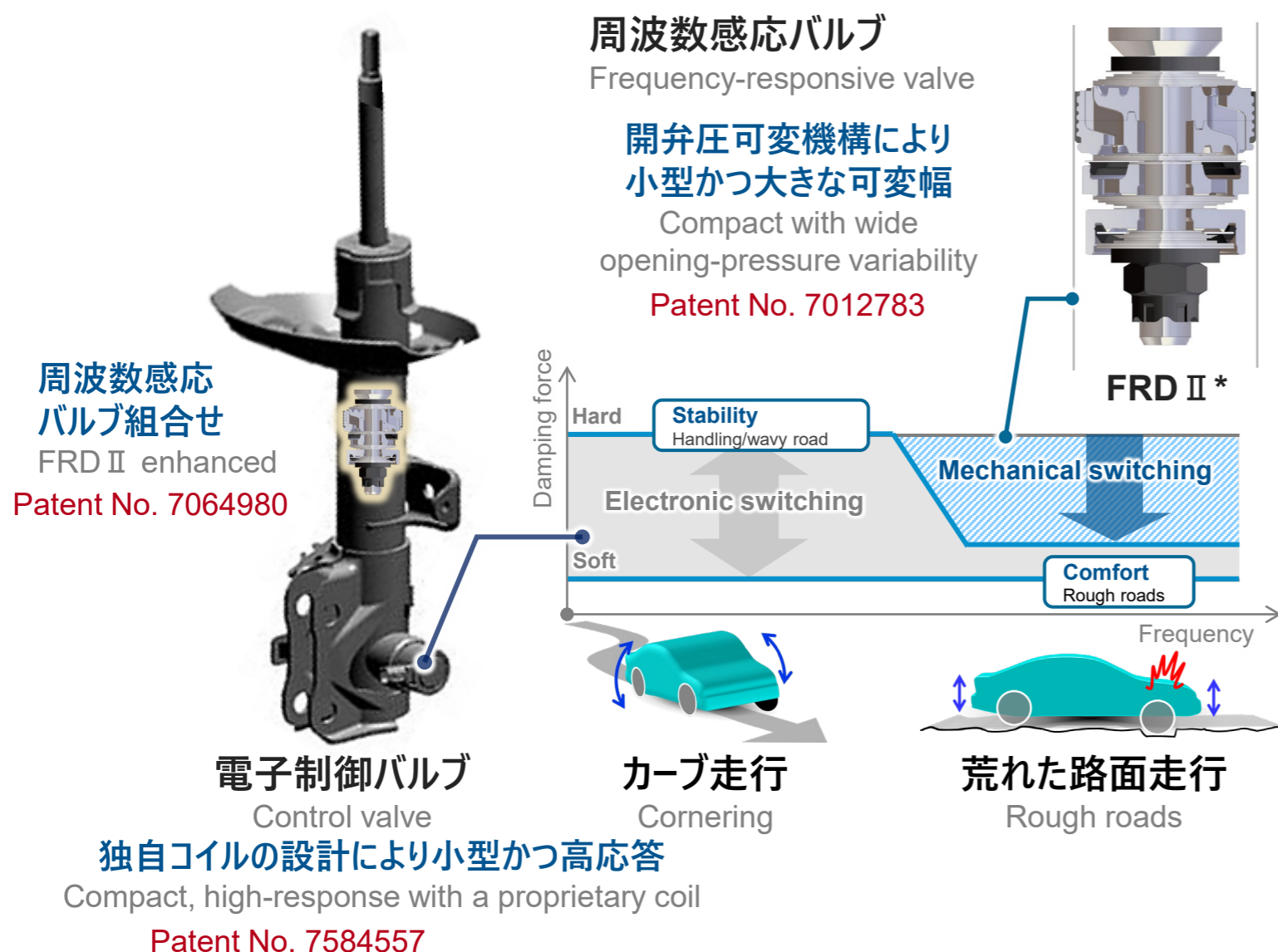
特長 Features

- **電子制御ダンパーにメカニカルな自動切替機構を付加し、上質さが際立つ新次元の乗り心地**
Mechanical auto-switching × electronic control damper — Elevating ride comfort to a new premium level

技術 Technology

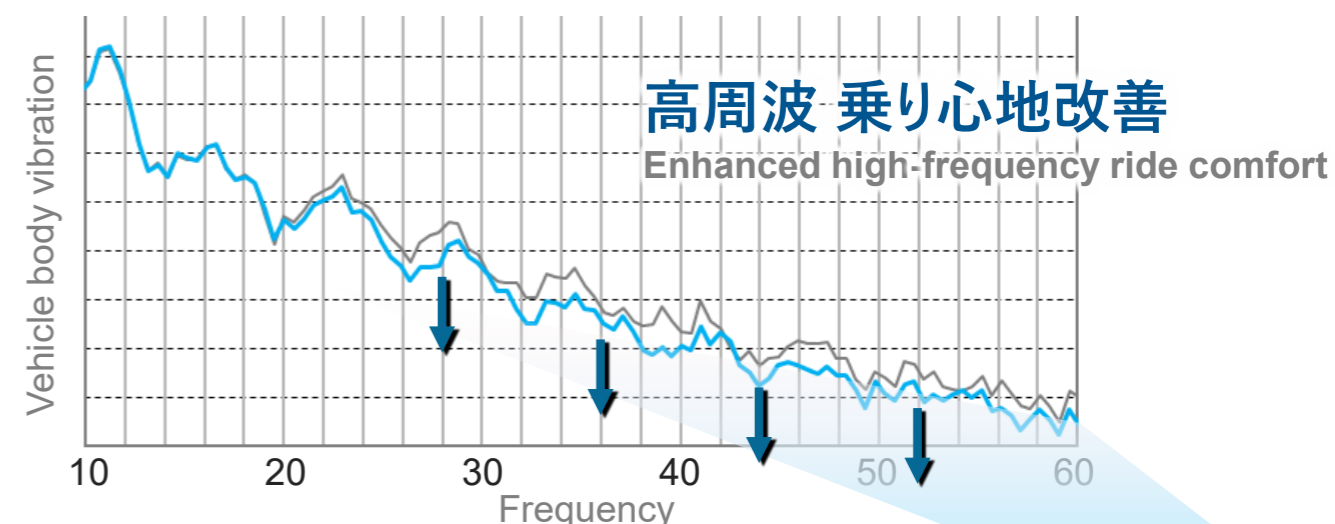
周波数に応じた自動切替により、荒れた道のカーブ走行時などでの車両の安定性と高周波乗り心地を向上
Frequency-responsive automatic switching enhances stability and high-frequency ride comfort when cornering, including on rough roads

■ 構造と機能 Structure and function



■ 車両性能 Performance

- Electronic control only
- **With frequency-responsive valve**



	Handling	Ride comfort	
		Wavy roads	Rough roads
Electronic control only	◎	◎	△
	△	△	◎
With frequency-responsive valve	◎	◎	◎

背反 Trade-off

両立 No trade-off

従来、荒れた道のカーブ走行時では高い減衰力で制御するため、高周波数域の乗り心地に課題があった

Conventionally, cornering on rough roads required high damping force control, resulting in compromised ride comfort in the high-frequency range

*FRD II : Frequency reactive damper II (Frequency-responsive valve for rough roads)