## An Ergonomic Approach for Improvement of a Passenger Car Interior Design

Abstract , recreation vehicle(RV) 가 가 가 가 Key word: Kansei engineering, passenger car interior 1. 2. 가 , parts catalog (Nagamachi, 2002) needs 가 needs 가 (Jindo and Hirasago, 1997). portfolio

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card sorting (bottom-up approach) . Card sorting 1 card 가 2.3 Needs , Parts Catalog Portfolio 가 seat . Group crash pad assembly, No cabin room, luggage compartment, overall 22 assembly, 81 subinterior 4 part crash pad assembly 1. group Center Fascia Panel
Display
Heater Control
Control
Audio
Cup Holder 2.1 Overall Crash pad assembly Center Fascia Cigar Lighter
Ash Tray Center Air Vent Cluster Fascia Panel
Speedometer
Tachometer
Temperature Gauge
Fuel Gauge
Fuel Gauge
Warning Signal (Symbol)
GearShift Position lamp(Option) -Cluster Gauge Glove Box Cover Glove Box Housing Glove Knob Glove Box - Crash Pad Main Panel - Side Air Vent - Box(Multi-tray) - Passenger Air Bag - Control Crash pad Assembly Crash Pad 가 Steering Wheel(Frame)
On-Board Control
Key Set
Steering Tilt Steering Steering 111.

Horn

Multi-Function Switch

Driver's Air Bag

Shroud Wheel T.G.S Knob Push Button
Indicator Panel
Switch T.G.S Lever Accelerator Pedal
Brake Pedal
Clutch Pedal
Dead Pedal

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2.2

-Pedal

-Console

2 .

-Parking Lever — Lever Cover

assembly

- Ash Tray - Cup Holder - Armrest, Multi-Tray

- Crash pad

2.4 가 가 4) 가 가 가 가 Needs 2.5 가 가 3. Portfolio 2.6 Portfolio Portfolio 2.7 needs가 가 3 가 1) , crash pad, center fascia 가 , heater control 가 2)

3)

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2.8			가
1	р	ortfolio , ,	가 . 6) : 가 .
1.	,	·	가 가 .
			3.
가	,	,	, 가
1)	;	가	<ul> <li>[1] Nagamach M., Kansei engineering as a powerful consumer-oriented technology for product development, Applied Ergonomics, Vol. 33, pp289-294, 2002.</li> <li>[2] Jindo, T., and Hirasago, K., Application</li> </ul>

5) :

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3)

4)

studies to car interior of Kansei engineering,

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Industrial

Journal

Ergonomics, Vol. 19, pp105-114, 1997.

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