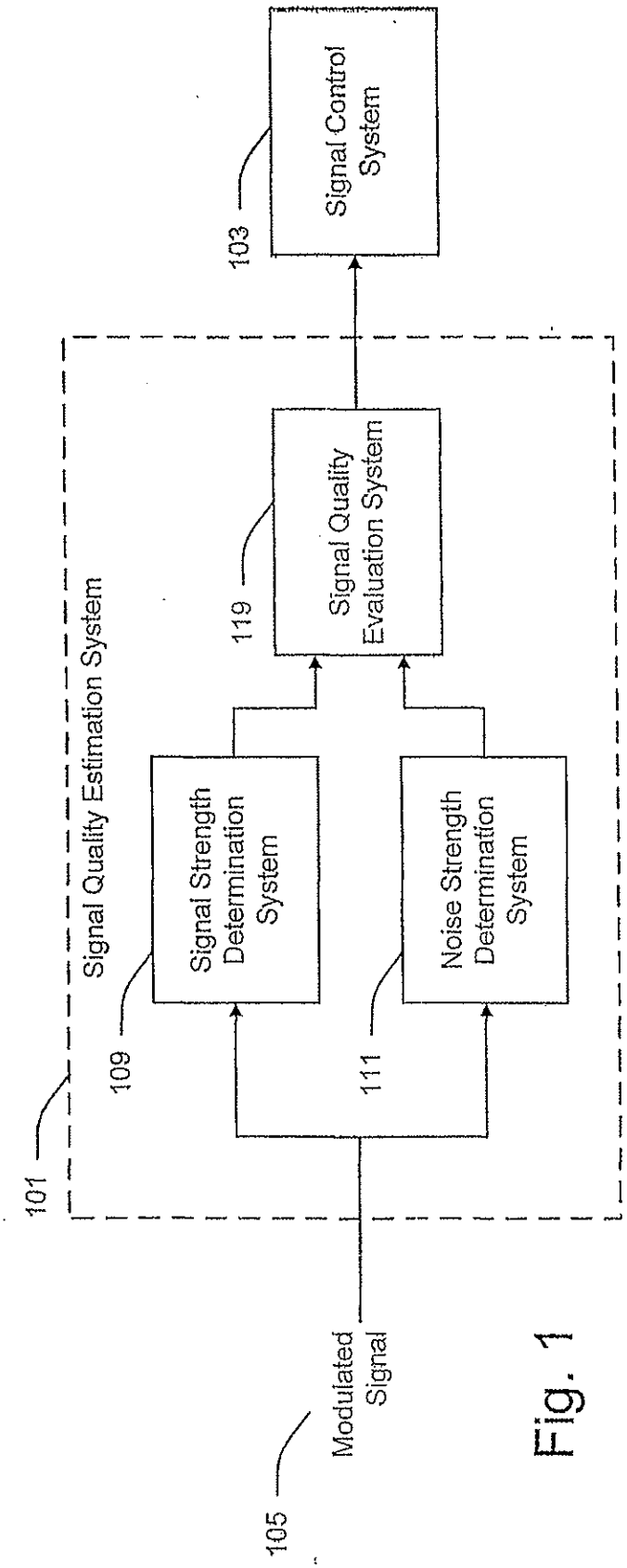
Signal Quality Estimation System
101
Signal Strength Determination System
109
Noise Strength Determination System
111
Signal Quality Evaluation System
119
Signal Control System
103
Modulated Signal
105

Fig. 1

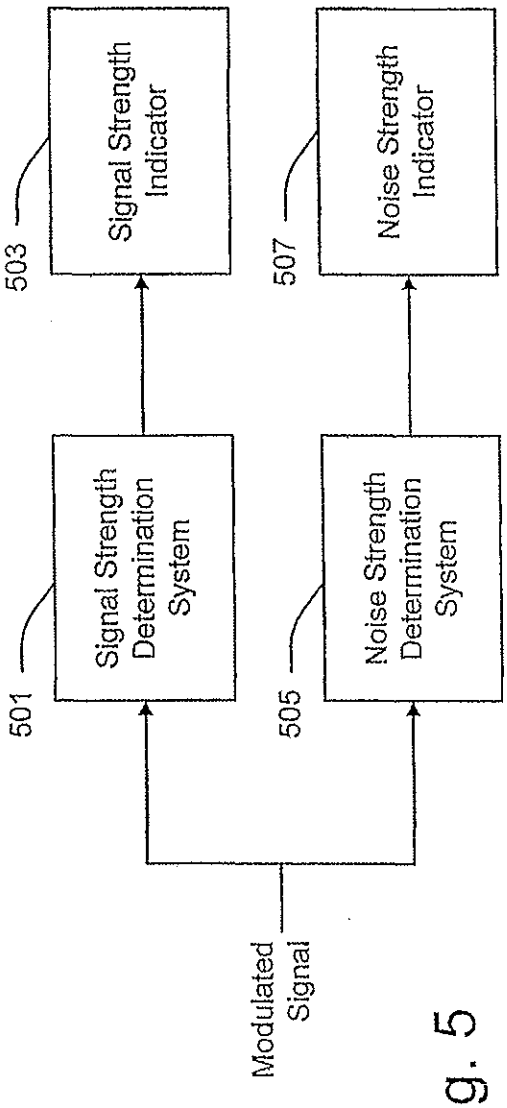
Signal Strength Determination System
501
Signal Strength Indicator
503
Noise Strength Determination System
505
Noise Strength Indicator
507
Modulated Signal

Fig. 5

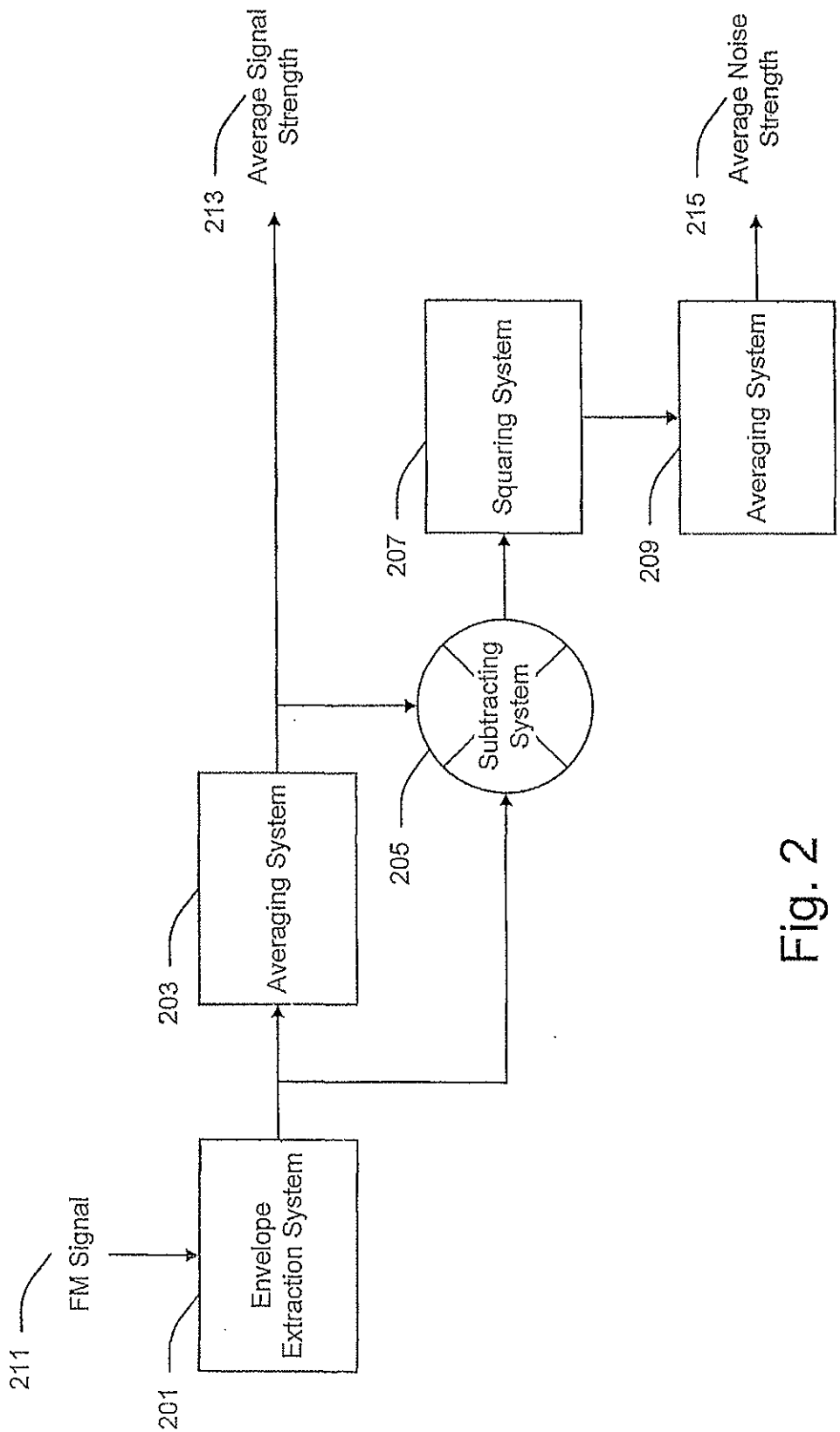
211
FM Signal
201
Envelope Extraction System
203
Averaging System
213
Average Signal Strength
205
Subtracting System
207
Squaring System
209
Averaging System
215
Average Noise Strength

Fig. 2

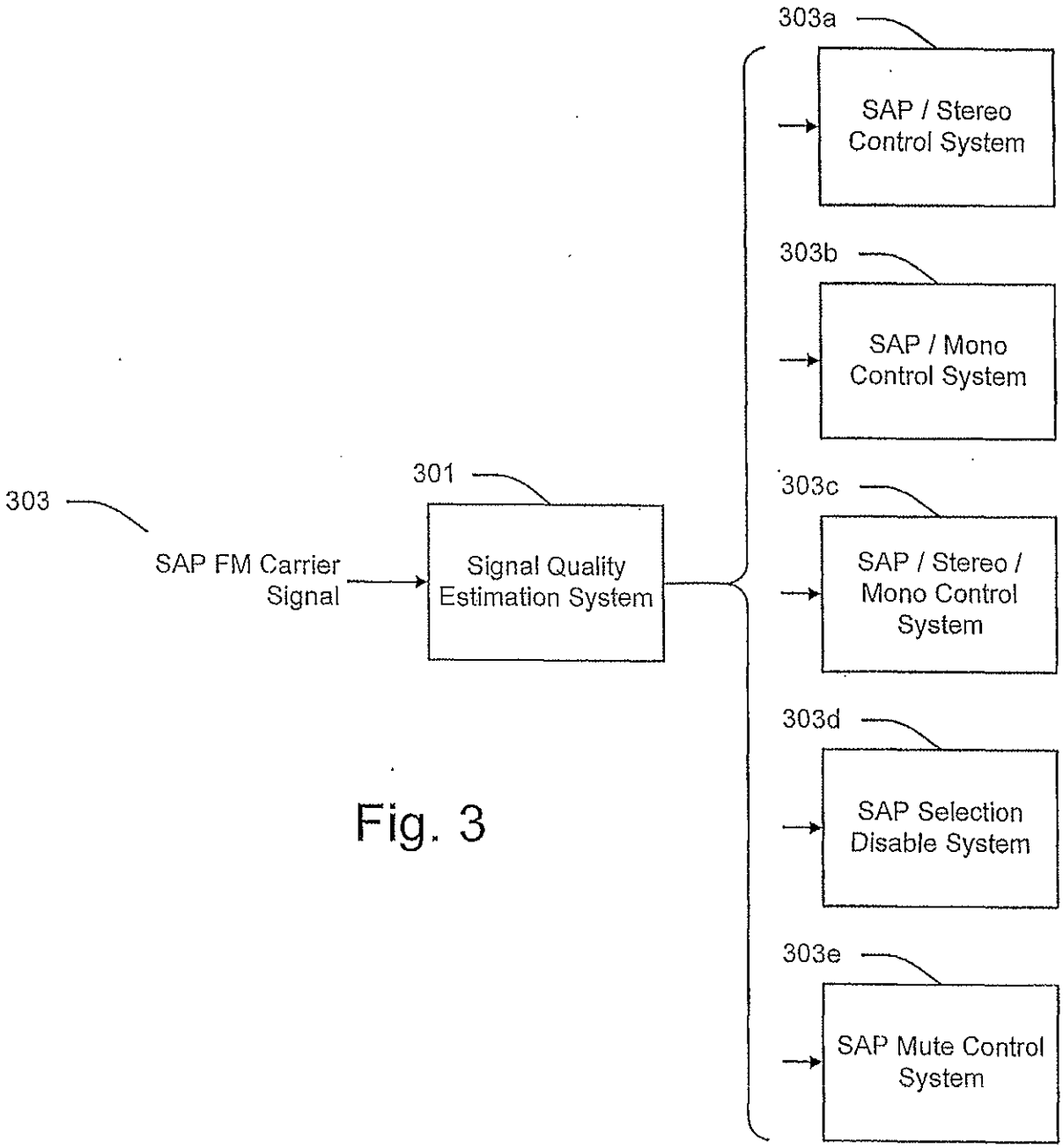
303
SAP FM Carrier Signal
301
Signal Quality Estimation System
303a
SAP / Stereo Control System
303b
SAP / Mono Control System
303c
SAP / Stereo / Mono Control System
303d
SAP Selection Disable System
303e
SAP Mute Control System

Fig. 3

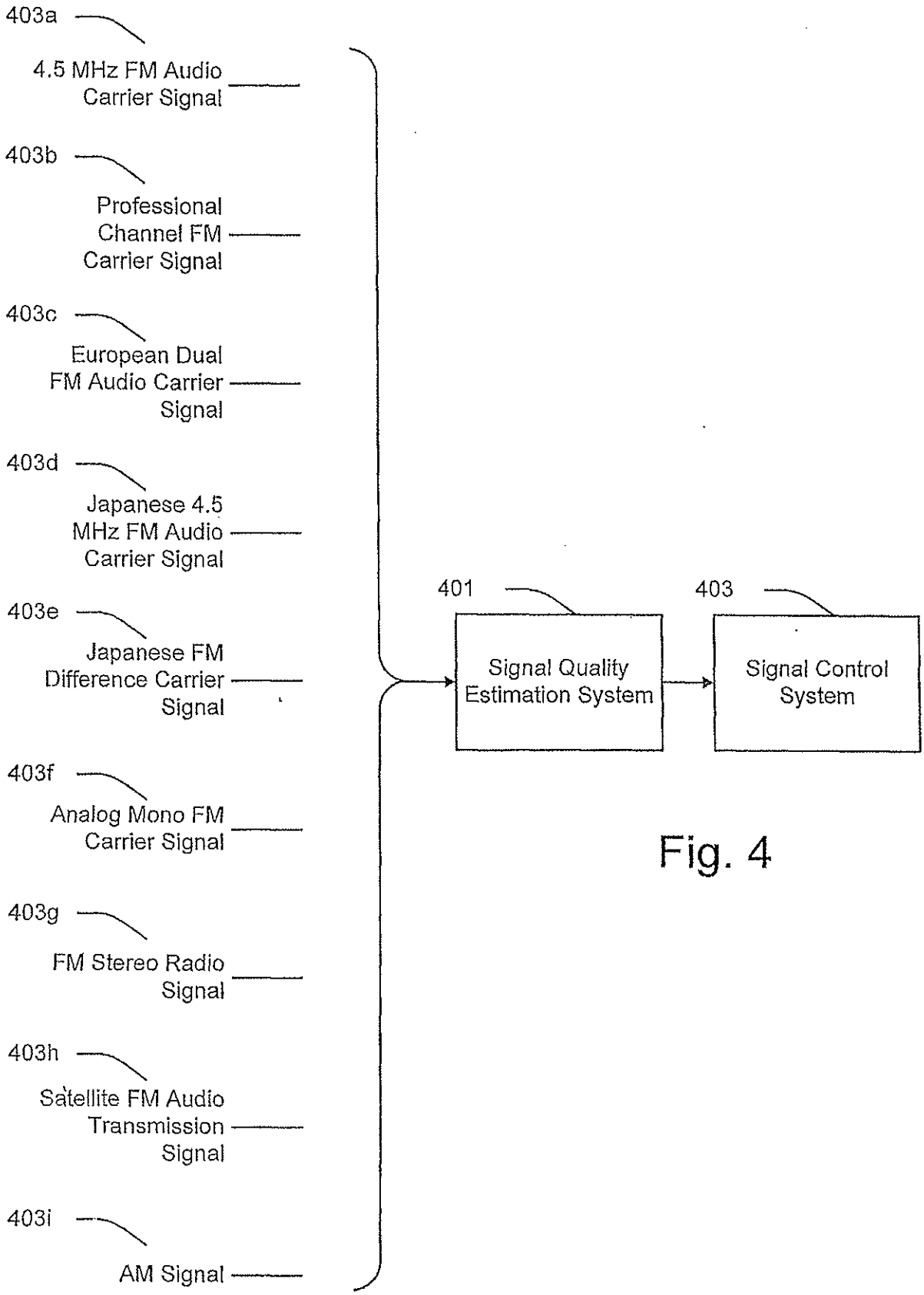
403a
4.5 MHz FM Audio Carrier Signal
403b
Professional Channel FM Carrier Signal
403c
European Dual FM Audio Carrier Signal
403d
Japanese 4.5 MHz FM Audio Carrier Signal
403e
Japanese FM Difference Carrier Signal
403f
Analog Mono FM Carrier Signal
403g
FM Stereo Radio Signal
403h
Satellite FM Audio Transmission Signal
403i
AM Signal
401
Signal Quality Estimation System
403
Signal Control System

Fig. 4