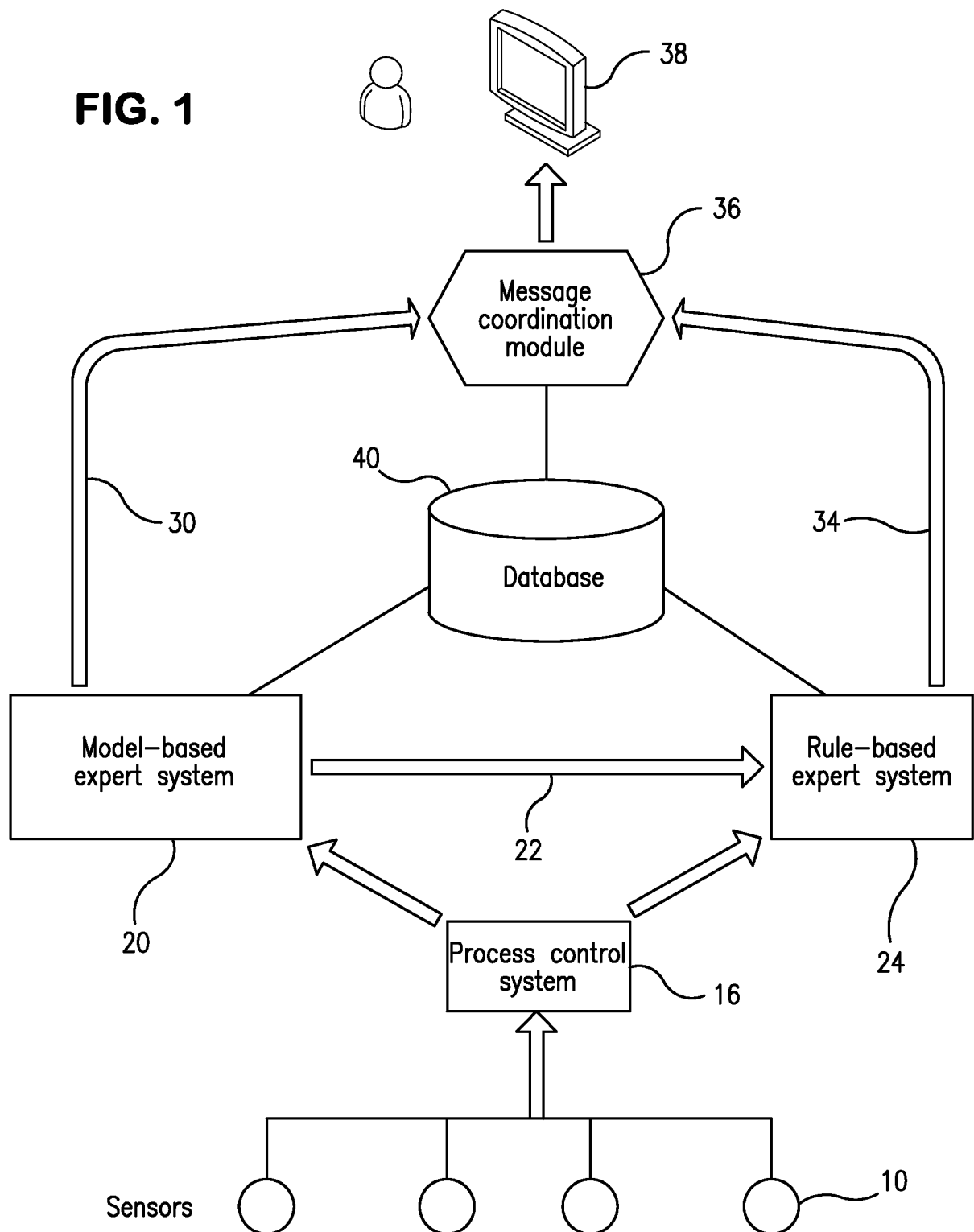


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T-814 MODEL PCA Model Configuration

General

Details

Inputs

Related Tags

Logging

Suppression

Internal

Suppression

Model Tuning

Reports

Source	Tag Name	Model Attribute	Critical	Filter Ti...	Limit Check	Lower L...△	Upper Limit	Standard Deviation	Description
Tag	R1I485.PV		☐	3.0	None			.79304	Temperature Variable8
Tag	R1I486.PV		☐	3.0	None			.7594	Temperature Variable7
Tag	R1I487.PV		☐	3.0	None			.76374	Temperature Variable6
Tag	R1I488.PV		☐	3.0	None			.76558	Temperature Variable5
Tag	R1I489.PV		☐	3.0	None			.7666	Temperature Variable4
Tag	R1I490.PV		☐	3.0	None			.56039	Temperature Variable3
Tag	R1I491.PV		☐	3.0	None			.67816	Temperature Variable2
Tag	R1P752.PV		☐	3.0	None			.14458	Pressure Variable4
Tag	R1P770.PV		☐	3.0	None			.14138	Pressure Variable3
Tag	R1P871.PV		☐	3.0	None			.14131	Pressure Variable2
Tag	R1P873.PV		☐	3.0	None			.14279	Pressure Variable1
Tag	R1T772.PV		☒	3.0	None			.5394	Temperature Variable1
Tag	R1F782U.PV		☐	3.0	None			.44689	Flow Variable1

OK

Cancel

Apply

FIG. 2

Rule T-814 Flooding Configuration

General

Details

Rule Logic

Conclusion

Logging

Suppression

Comments

Reports

Generic Formula: c1 and c2

Status: FALSE

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Q

	Type	Condition	Timer	Operation	Duration	Status	Suppress?
C1	Expr	R1F782.PV > 275			0.0	False	
C2	Expr	PCA-RESIDUAL ("T-814", R1P770.PV) > 6			0.0	False	

Dependent Rules

Q

OK

Cancel

Apply

FIG. 3A

Rule T-814 Flooding Configuration

General

Details

Rule Logic

Conclusion

Logging

Suppression

Comments

Reports

Conclusion Name: T-814 Flooding Conclusion

...

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Message:

Flooding in tower T-814 is identified. Monitor the DP and make the following adjustments.
1) reduce the tower inlet flow rate
2) reduce the reboiler duty
3) reduce the reflux ratio

Td: -1

Status: TRUE

Hits: 2

Category: Status

Documentation

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Other Rules leading to this Conclusion

Q

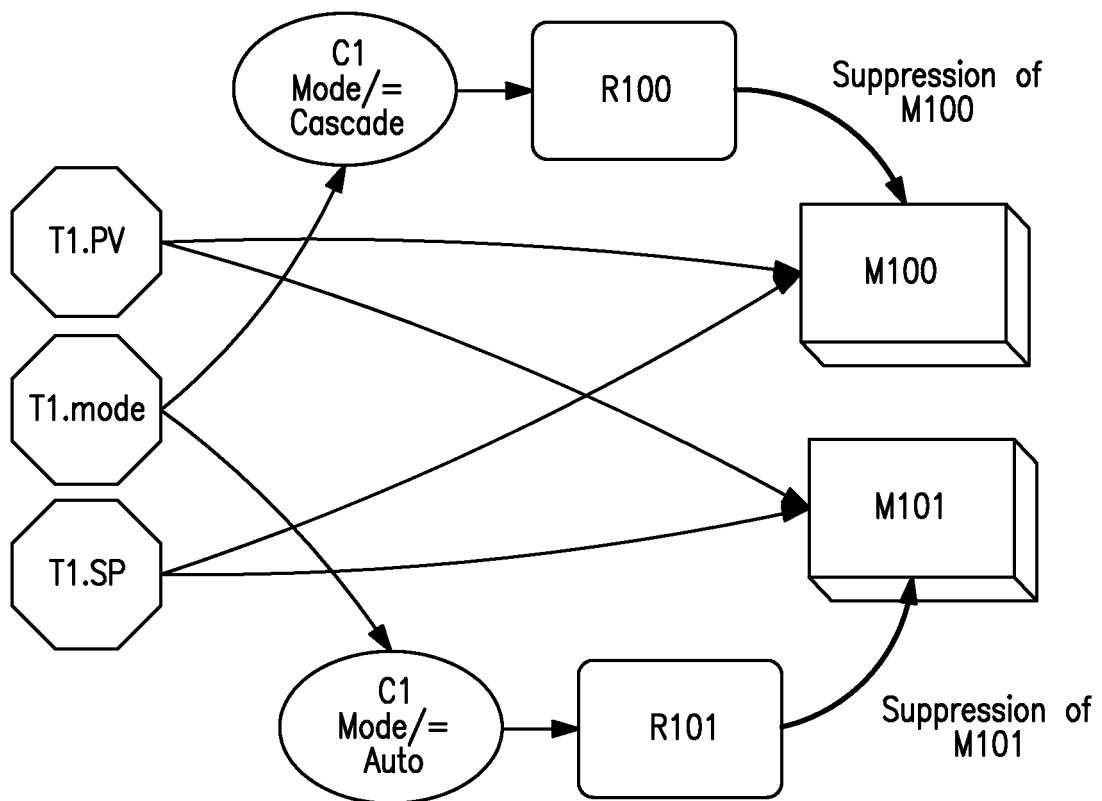
OK

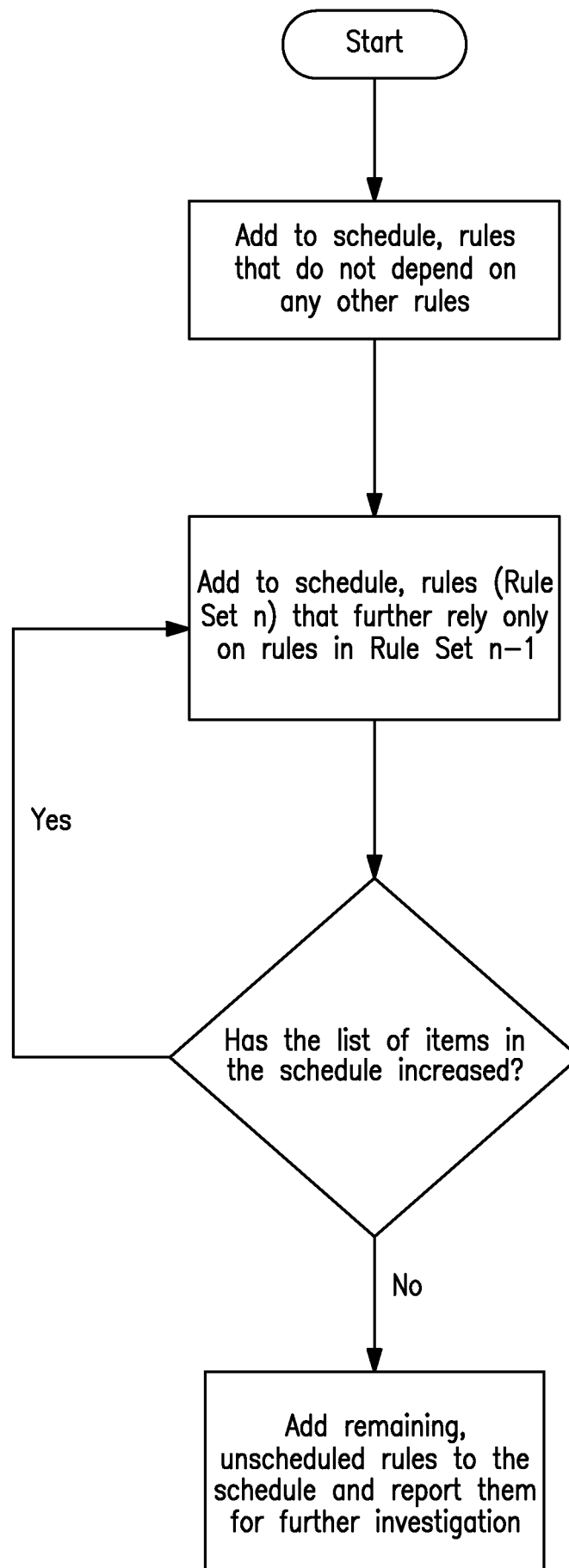
Cancel

Apply

FIG. 3B

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**FIG. 4**

**FIG. 5**