



# Alphasense Patent List

## Carbon Monoxide and Hydrogen Sulfide Sensors

CO-H2S D2	COH-A2 Dual	SOH-A2
US7651597B2	US7651597B2 EP4314717A1 US20240175718A1	US7651597B2 EP4314717A1 US20240175718A1

## Chlorine Sensors

CL2-B1	CL2-D4	CL2-A1
EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1

## Ethylene Oxide Sensors

ETO-A1	ETO-B1
EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1

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## Hydrogen Sensors

H2-AF

EP4314717A1  
US20240175718A1

H2-BF

EP4314717A1  
US20240175718A1

## Hydrogen Chloride Sensors

HCL-A1

EP4314717A1  
US20240175718A1

HCL-B1

EP4314717A1  
US20240175718A1

## Hydrogen Cyanide Sensors

HCN-A1

EP4314717A1  
US20240175718A1

HCN-B1

EP4314717A1  
US20240175718A1

HCN-D4

EP4314717A1  
US20240175718A1

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## Hydrogen Peroxide Sensors

H2O2-A1	H2O2-B1
EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1

## Hydrogen Sulfide Sensors

H2S-AH	H2S-B1	H2S-A4	H2S-D4	H2S-AE	H2S-BH	H2S-A1
EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1
H2S-BE	H2S-B4					
EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1					

## LEL/Methane Sensors

IRM-AT
EP1972923B1

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## Nitric Oxide Sensors

NO-A1	NO-A4	NO-AE	NO-B1	NO-B4
EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1

## Nitrogen Dioxide Sensors

NO2-B43F	NO2-A1	NO2-B1	NO2-AE	NO2-A43F
EP2975390B2 EP3223006B1 US10775338B2 EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	EP2975390B2 EP3223006B1 US10775338B2 EP4314717A1 US20240175718A1

## Oxygen Sensors

O2-A2-GLF	O2-A1	O2-A2	O2-A2S	O2-A3	O2-A3S	O2-C2
EP4425164A1 US20240295525A1	EP4425164A1 US20240295525A1	EP4425164A1 US20240295525A1	EP4425164A1 US20240295525A1	EP4425164A1 US20240295525A1	EP4425164A1 US20240295525A1	EP4425164A1 US20240295525A1
O2-G2	O2-A2Ni					
EP4425164A1 US20240295525A1	EP4425164A1 US20240295525A1					



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## Volatile Organic Compound Sensors

VOC-A4	VOC-B4	PIDX-A-004	PIDX-A-020	PIDX-A-040	PIDX-A-200	PIDX-A-04K
EP4314717A1 US20240175718A1	EP4314717A1 US20240175718A1	US 11037778 CN ZL202110583229.2 US 12255583 US 12146854 CN 11858394 EP 4425167 US 12451343 US 12455261 US 9368338 CN ZL201630479305.5	US 11037778 CN ZL202110583229.2 US 12255583 US 12146854 CN 11858394 EP 4425167 US 12451343 US 12455261 US 9368338 CN ZL201630479305.5	US 11037778 CN ZL202110583229.2 US 12255583 US 12146854 CN 11858394 EP 4425167 US 12451343 US 12455261 US 9368338 CN ZL201630479305.5	US 11037778 CN ZL202110583229.2 US 12255583 US 12146854 CN 11858394 EP 4425167 US 12451343 US 12455261 US 9368338 CN ZL201630479305.5	US 11037778 CN ZL202110583229.2 US 12255583 US 12146854 CN 11858394 EP 4425167 US 12451343 US 12455261 US 9368338 CN ZL201630479305.5
PIDX-A-10K	PID-AY5	PID-AR5	PID-AG5	PID-AH5	PID-A15	
US 11037778 CN ZL202110583229.2 US 12255583 US 12146854 CN 11858394 EP 4425167 US 12451343 US 12455261 US 9368338 CN ZL201630479305.5	US 9368338 US 11037778 CN ZL201630479305.5	US 9368338 US 11037778 CN ZL201630479305.5	US 9368338 US 11037778 CN ZL201630479305.5	US 9368338 US 11037778 CN ZL201630479305.5	US 9368338 US 11037778 CN ZL201630479305.5	

## Optical Particle Counters

OPC-R2	OPC-N3
EP2633282B1 US9116121B2	US10900894B2