

Title (en)
Air compressor system

Title (de)
Luftverdichtungssystem

Title (fr)
Système de compresseur d'air

Publication
EP 2865424 A1 20150429 (EN)

Application
EP 14190291 A 20141024

Priority
GB 201319019 A 20131028

Abstract (en)
This invention relates to air intake units for air compressors and to air compressor assemblies for supplying breathable air. An air intake unit for an air compressor comprises an air chamber having an inlet and an outlet, the outlet being adapted for fluid connection to an air intake of an air compressor; a sensor located at the inlet of the air chamber, the sensor configured to detect the presence of unwanted fluid in an inlet air stream, the sensor having a T90 response time; and means for maintaining a positive pressure within the air chamber, wherein the air chamber is configured such that the time taken for air to flow from the inlet of the air chamber to the outlet of the air chamber is greater than the T90 response time of the sensor.

IPC 8 full level
A62B 7/02 (2006.01); **A62B 9/00** (2006.01)

CPC (source: EP GB)
A62B 7/02 (2013.01 - EP); **A62B 7/10** (2013.01 - GB); **A62B 9/006** (2013.01 - EP); **F04C 9/005** (2013.01 - EP)

Citation (search report)

- [IY] WO 2010014014 A1 20100204 - SCAN TECH AS [NO], et al
- [IY] KR 101043201 B1 20110621 - SUNG SI MIN [KR]
- [YA] US 4293281 A 19811006 - LAMOREAUX CHARLES L

Cited by
FR3081335A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2865424 A1 20150429; GB 201319019 D0 20131211; GB 2522399 A 20150729; GB 2522399 A8 20150812

DOCDB simple family (application)
EP 14190291 A 20141024; GB 201319019 A 20131028