

Title (en)
SYSTEM FOR MANAGING LUBRICANT LEVELS IN TANDEM COMPRESSOR ASSEMBLIES OF AN HVAC SYSTEM

Title (de)
SYSTEM ZUR VERWALTUNG VON SCHMIERMITTELSTÄNDEN IN TANDEMVERDICHTERBAUGRUPPEN EINES HLK-SYSTEMS

Title (fr)
SYSTÈME DE GESTION DES NIVEAUX DE LUBRIFIANT DANS DES ENSEMBLES DE COMPRESSEURS EN TANDEM D'UN SYSTÈME CVCA

Publication
EP 3147590 A1 20170329 (EN)

Application
EP 16188785 A 20160914

Priority
US 201514860274 A 20150921

Abstract (en)
A heating, ventilation, and air-conditioning (HVAC) system (1000) comprises a plurality of sensors (129), a plurality of tandem compressor assemblies (101, 102) that each comprise a first compressor (112) and a second compressor (114), and a controller (126) communicatively coupled to the plurality of sensors (129) and the plurality of tandem compressor assemblies (101, 102). The controller (126) determines an increase in a cooling demand of a structure associated with the HVAC system (1000) based on data received from at least one of the plurality of sensors (129). Also, the controller (126) compares an ambient temperature outside of the structure to a first threshold. In response to determining that the ambient temperature is greater than the first threshold, the controller (126) operates the HVAC system (1000) in a first mode and in response to determining that the ambient temperature is less than the first threshold, the controller operates the HVAC system in a second mode.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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• [XPA] EP 2960600 A1 20151230 - LENNOX IND INC [US]
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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

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DOCDB simple family (application)
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