

Title (en)

System for storing energy in the form of compressed air in an assembly of tubes on the surface

Title (de)

Energiespeicherverfahren in Form von Druckluft in einer Anordnung von Röhren an der Oberfläche

Title (fr)

Système de stockage d'énergie sous forme d'air comprimé dans un ensemble de tubes en surface

Publication

EP 2894386 A3 20151230 (FR)

Application

EP 14306886 A 20141126

Priority

FR 1362753 A 20131217

Abstract (en)

[origin: US2015167892A1] The present invention concerns a system for storing energy in the form of compressed air, characterized in that it is made up of a set of straight or wound steel tubes (1) assembled to form a storage volume arranged at the surface, or in a subsurface, the assembly being enclosed in a thermally insulating envelope (2).

IPC 8 full level

F17C 1/14 (2006.01); **F17C 1/00** (2006.01)

CPC (source: EP US)

F17C 1/007 (2013.01 - EP US); **F17C 1/12** (2013.01 - US); **F17C 1/14** (2013.01 - EP US); **F17C 2201/0104** (2013.01 - EP US); **F17C 2201/0138** (2013.01 - EP US); **F17C 2201/0147** (2013.01 - EP US); **F17C 2201/032** (2013.01 - EP US); **F17C 2201/035** (2013.01 - EP US); **F17C 2201/054** (2013.01 - EP US); **F17C 2203/0304** (2013.01 - EP US); **F17C 2203/0607** (2013.01 - EP US); **F17C 2203/0617** (2013.01 - EP US); **F17C 2203/0619** (2013.01 - EP US); **F17C 2203/0639** (2013.01 - EP US); **F17C 2203/066** (2013.01 - EP US); **F17C 2205/0138** (2013.01 - EP US); **F17C 2205/0142** (2013.01 - EP US); **F17C 2221/031** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/036** (2013.01 - EP US); **F17C 2227/0309** (2013.01 - EP US); **F17C 2227/0383** (2013.01 - EP US); **F17C 2260/046** (2013.01 - EP US); **F17C 2270/0134** (2013.01 - EP US); **F17C 2270/0147** (2013.01 - EP US); **F17C 2270/0581** (2013.01 - EP US)

Citation (search report)

- [XII] DE 102010033956 A1 20120119 - MEINARDUS THORBEN [DE], et al
- [A] DE 102011107883 A1 20130124 - REINHARDT GABY TRAUTE [DE]

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 2894386 A2 20150715; **EP 2894386 A3 20151230**; FR 3014997 A1 20150619; US 2015167892 A1 20150618

DOCDB simple family (application)

EP 14306886 A 20141126; FR 1362753 A 20131217; US 201414570101 A 20141215