

Title (en)

AN EJECTOR DRIVEN STEAM GENERATOR START UP SYSTEM

Title (de)

STARTSYSTEM FÜR EINEN EJEKTORGETRIEBENEN DAMPFERZEUGER

Title (fr)

SYSTÈME DE DÉMARRAGE D'UN GÉNÉRATEUR DE VAPEUR ACTIONNÉ PAR UN ÉJECTEUR

Publication

EP 2414729 A2 20120208 (EN)

Application

EP 10723843 A 20100330

Priority

- US 2010029155 W 20100330
- US 16604509 P 20090402
- US 74871810 A 20100329

Abstract (en)

[origin: US2010251976A1] A generating system is presented that includes a steam generator, a separator coupled to the generator, a supply providing feed water, a start-up system coupled to and receiving the feed water, and a recirculation system coupled to the start-up system. The steam generator operates in a plurality of operating modes. In one mode the steam generator generates a flow of steam and fluid. The separator separates the flow into components of steam and fluid. The recirculation system receives the feed water from the start-up system and provides a required flow to the steam generator during at least one mode. The recirculation system includes an ejector. The ejector induces a portion of the fluid from the separator into the recirculation system, mixes the induced fluid with the feed water to provide a recirculation flow, and the recirculation system provides the required flow to the steam generator including the recirculation flow.

IPC 8 full level

F22B 29/06 (2006.01); **F22B 35/14** (2006.01); **F22B 37/26** (2006.01); **F22D 7/04** (2006.01)

CPC (source: EP US)

F22B 29/12 (2013.01 - EP US); **F22B 35/14** (2013.01 - EP US); **F22D 7/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2010114818A2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

US 2010251976 A1 20101007; CN 102686944 A 20120919; EP 2414729 A2 20120208; WO 2010114818 A2 20101007; WO 2010114818 A3 20120705

DOCDB simple family (application)

US 74871810 A 20100329; CN 201080016453 A 20100330; EP 10723843 A 20100330; US 2010029155 W 20100330