

Title (en)

APPARATUS FOR EXTRACTING MOISTURE FROM AND FOR REHEATING STEAM

Publication

EP 0005225 B1 19810415 (FR)

Application

EP 79101215 A 19790423

Priority

FR 7812634 A 19780428

Abstract (en)

[origin: ES479969A1] The device includes inside a cylindrical casing with a horizontal axis and parallel to said axis and symmetrical about the longitudinal plane of symmetry: a. in its lower portion, a pair of separator devices which remove the water from the water and steam emulsion which is to be superheated b. in its upper portion, a pair of detachable nests of tubes which constitute the superheaters and c. members forming channels which allow part of the water and steam emulsion to rise on either side of the separators and of the superheaters near the inside surface of the casing, then to drop back between them to enter the inlets of the separators near to the plane of symmetry. Application to supplying a high-power turbine with superheated steam.

IPC 1-7

F22B 37/26; F22G 3/00

IPC 8 full level

F22B 37/26 (2006.01)

CPC (source: EP US)

F22B 37/266 (2013.01 - EP US)

Cited by

US4708093A; EP0195443A1; FR2579298A1; GB2619158A; DE102017005550A1; WO2022077932A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0005225 A1 19791114; **EP 0005225 B1 19810415**; BE 875415 A 19791009; CA 1125116 A 19820608; CH 628132 A5 19820215; DE 2960260 D1 19810507; ES 479969 A1 19800101; FR 2424477 A1 19791123; FR 2424477 B1 19820305; IT 1118980 B 19860303; IT 7967900 A0 19790427; US 4250841 A 19810217

DOCDB simple family (application)

EP 79101215 A 19790423; BE 1009346 A 19790409; CA 326577 A 19790427; CH 357879 A 19790417; DE 2960260 T 19790423; ES 479969 A 19790426; FR 7812634 A 19780428; IT 6790079 A 19790427; US 3280579 A 19790424