

Title (en)
HOT ISOSTATIC PRESSING APPARATUS

Publication
EP 0171191 B1 19880928 (EN)

Application
EP 85304843 A 19850708

Priority

- JP 14380984 A 19840710
- JP 17140084 U 19841112
- JP 19749284 A 19840919
- JP 19749384 A 19840919
- JP 23908984 A 19841113
- JP 23909084 A 19841113

Abstract (en)
[origin: EP0171191A1] Hot isostatic pressing apparatus wherein a material to be processed such as preliminarily shaped metal powder is charged into a high pressure vessel (1027) provided with a heater (1029) and the material to be pressed by superhigh pressure of fluid or gas sealed into the vessel and heating by a heater. The apparatus comprises a main station (1026) including a high pressure vessel (1027), a movable cover (1033), a member for moving the material to be processed; one or more auxiliary stations including an inserting station, a preheating station, a removing station, all joined to a sealed tank (1001); and transfer means for the material to be processed. The apparatus also includes a seal leakage detector.
[origin: EP0171191A1] A continuous hot isostatic pressing appts. has a main station with a hot isostatic pressing and forming high pressure vessel with a movable cover, an inserting station and a removing station for material to be processed, and a sealed tank which communicates with the vessel and operating chambers of the stations.

IPC 1-7
B01J 3/04

IPC 8 full level
F27B 17/00 (2006.01); **B22F 3/03** (2006.01); **B22F 3/15** (2006.01); **B30B 9/28** (2006.01); **B30B 11/00** (2006.01)

CPC (source: EP KR)
B22F 3/03 (2013.01 - EP); **B22F 3/15** (2013.01 - EP); **B30B 9/28** (2013.01 - KR); **B30B 11/002** (2013.01 - EP); **F27B 17/00** (2013.01 - KR)

Cited by
CN110115960A

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0171191 A1 19860212; **EP 0171191 B1 19880928**; DE 3565216 D1 19881103; KR 860000908 A 19860220; KR 900001857 B1 19900324

DOCDB simple family (application)
EP 85304843 A 19850708; DE 3565216 T 19850708; KR 850004910 A 19850710