

Title (en)

Supporting arrangement for horizontally disposed pressure vessels.

Title (de)

Abstützvorrichtung für waagerecht liegende Druckbehälter.

Title (fr)

Dispositif de support pour réservoirs sous pression disposés horizontalement.

Publication

EP 0141206 A1 19850515 (DE)

Application

EP 84111067 A 19840917

Priority

DE 3335545 A 19830928

Abstract (en)

1. A supporting arrangement for horizontally disposed cylindrical pressure vessels, particularly for such pressure vessels in steam power plants, consisting of a boiler support located between the vessel and the base, with a dish-shaped support surface (boiler support dish), the vessel being axially fixed with respect to the boiler support by means of supporting members at one or more points, these supporting members being, on the one hand, connected to the vessel wall and, on the other hand, engaged with the boiler support, characterised in that for simultaneously securing the vessel against rotation, each supporting member consists of a bolt (7), which is guided axially, by means of a sleeve (6), into a supporting structure (5) which is detachably fastened on the boiler support (2), and is engaged radially with a recess (9) provided in the vessel wall (1) or with a socket welded onto the vessel wall (1).

Abstract (de)

Zur fixierten Zuordnung eines waagerecht liegenden Druckbehälters und des ihn aufnehmenden Kesselstuhles (2) ist ein Profilkörper (7, 10) vorgesehen, der entweder mit dem Behältermantel (1) verschweißt ist und in eine am Kesselstuhl (13) befestigte Tragkonstruktion (11) eingreift oder der in einer am Kesselstuhl befestigten Tragkonstruktion (5) mittels einer Hülse (6) axial geführt ist und in eine Vertiefung (9) im Behältermantel (1) eingreift. Damit ist sowohl eine axiale als auch eine im Umfangsrichtung wirksame Fixierung des Druckbehälters gegeben.

IPC 1-7

F22B 37/24; B65D 90/12

IPC 8 full level

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CPC (source: EP)

B65D 90/12 (2013.01); **F22B 37/207** (2013.01); **F22B 37/246** (2013.01)

Citation (search report)

- [YD] DE 2840528 A1 19800327 - KRAFTWERK UNION AG
- [Y] US 2463880 A 19490308 - JONATHAN JONES
- [A] FR 2145268 A5 19730216 - WAAGNER BIRO AG
- [A] FR 1534625 A 19680726 - UDDEHOLMS AB

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DOCDB simple family (publication)

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DOCDB simple family (application)

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