

Title (en)

Arrangement for protecting sheets of carbon steel from erosion/corrosion when in contact with steam.

Title (de)

Mit einer Schutzschicht gegen Erosion/Korrosion versehene Stahlplatte für Wasserdampf.

Title (fr)

Dispositif de protection de tôles d'acier contre l'érosion-corrosion au contact de vapeur d'eau.

Publication

EP 0152063 A1 19850821 (FR)

Application

EP 85101276 A 19850207

Priority

FR 8402100 A 19840210

Abstract (en)

1. A device for protecting steel sheets (1) against erosion-corrosion in contact with water steam, comprising rectangular elements (2, 3, 4, 5) of oxidation resistant metal with folded longitudinal edges, called "tiles", these elements being mounted on the steel sheets and covering them and being able to slide with respect to the latter and being fixed by screwing on studs (9) which are welded on the inner surface of the steel sheets, characterized in that the screwing of the tiles is carried out perpendicularly to the steel sheets, and in that the folded longitudinal rims (6, 7) of the tiles (2, 3) are overlapping.

Abstract (fr)

Dispositif de protection de tôles d'acier (1) contre l'érosion-corrosion au contact de vapeur d'eau, comprenant des éléments rectangulaires (2, 3, 4, 5) en métal inoxydable à bords longitudinaux pliés, dits "tuiles", montés en recouvrement sur les tôles d'acier, présentant des possibilités de glissement par rapport à celles-ci, fixés par vissage sur des plots (9, 10) soudés sur la paroi interne des tôles d'acier. Le vissage des tuiles est effectué perpendiculairement aux tôles d'acier.

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IPC 8 full level

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CPC (source: EP)

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- [YD] FR 2345531 A1 19771021 - STEIN INDUSTRIE [FR]
- [Y] FR 745834 A 19330517 - BROWN

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