

Title (en)

Corrosion and/or abrasion protection shells for a tube panel and method of fixing

Title (de)

Schutzschalen gegen Korrosion und/oder Abrieb von einer Röhrenplatte und Verfahren zur Befestigung

Title (fr)

Coquilles de protection contre la corrosion et/ou l'abrasion d'un panneau de tubes et procédé de fixation

Publication

**EP 1001213 B1 20030507 (FR)**

Application

**EP 99402446 A 19991006**

Priority

FR 9814155 A 19981110

Abstract (en)

[origin: EP1001213A1] The tube panel protector consists of a pair of shells (4) fitted to opposite sides of the panel (1) and held together by keys (5) inserted through holes (6) between adjacent tubes (2). Each key has at least one free end (5a) to engage with a cavity (7) in one of the shells, holding it in place by gravity and/or adhesion.

IPC 1-7

**F22B 37/10**; **F22G 3/00**; **F23M 5/04**

IPC 8 full level

**F22B 37/10** (2006.01); **F23M 5/04** (2006.01); **F23M 5/08** (2006.01)

CPC (source: EP)

**F22B 37/107** (2013.01); **F22B 37/108** (2013.01); **F23M 5/04** (2013.01); **F23M 5/08** (2013.01); **F28F 19/002** (2013.01); **F23M 2900/05001** (2013.01)

Cited by

EP1172606A1

Designated contracting state (EPC)

BE DE ES GB IT PT

DOCDB simple family (publication)

**EP 1001213 A1 20000517**; **EP 1001213 B1 20030507**; DE 69907604 D1 20030612; DE 69907604 T2 20040325; ES 2198119 T3 20040116; FR 2785670 A1 20000512; FR 2785670 B1 20010105; PT 1001213 E 20030930

DOCDB simple family (application)

**EP 99402446 A 19991006**; DE 69907604 T 19991006; ES 99402446 T 19991006; FR 9814155 A 19981110; PT 99402446 T 19991006