

Title (en)

Process for avoiding the decarburisation and the scaling of enamelled containers

Title (de)

Verfahren zur Vermeidung von Entkohlung und Verzunderung an emailierten Behältern

Title (fr)

Procédé pour éviter la décarburation et le calaminage des récipients émaillés

Publication

EP 1612296 A2 20060104 (DE)

Application

EP 04028871 A 20041206

Priority

DE 102004031746 A 20040630

Abstract (en)

The procedure, for use especially when connecting components such as semi-tubular coils to enamelled containers, consists of protecting the surfaces of the containers or components likely to be affected by decarburation or oxidation by subjecting them to a depression or an inert gas such as argon, carbon monoxide or a rare gas. Where the protected surfaces are the interior of hollow bodies or tubes they can be protected from the atmosphere by sealing them by welding, brazing or mechanical closures after applying a depression or inert gas.

IPC 8 full level

C23D 9/00 (2006.01)

CPC (source: EP)

C23D 9/00 (2013.01); **C21D 1/74** (2013.01); **C21D 9/08** (2013.01)

Citation (applicant)

DE 3408206 A1 19840927 - VAILLANT JOH GMBH & CO [DE]

Cited by

CN113540631A

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

EP 1612296 A2 20060104; EP 1612296 A3 20060412; EP 1612296 B1 20140625

DOCDB simple family (application)

EP 04028871 A 20041206