

Title (en)

Lance holder for a compact lance.

Title (de)

Lanzenhalter für Kompaktlanze.

Title (fr)

Fixage de lance pour une lance compacte.

Publication

EP 0372098 B1 19931110 (DE)

Application

EP 88120123 A 19881202

Priority

EP 88120123 A 19881202

Abstract (en)

[origin: EP0372098A1] A lance holder intended for an oxygen lance produces substantially greater operational reliability by a valve disc being provided in the holder body between the slag-return preventer and clamping head, which valve disc can be displaced against the force of a spring via the inserted lance. The valve disc is pressed out of the sealing seat when the lance is pushed in, so that the refining gas can readily pass the lance holder. If the lance is lost through any accident, i.e. if it slips out of the lance holder, the valve disc thus also closes automatically so that oxygen gas cannot flow after, even inadvertently. Flapping of the oxygen hose with the lance holder located thereon is thus reliably prevented. At the same time, the slag-return preventer and the clamping head are designed in such a way that overall a very compact lance holder results. <IMAGE>

IPC 1-7

C21C 5/46

IPC 8 full level

C21C 5/46 (2006.01)

CPC (source: EP KR US)

C21C 5/46 (2013.01 - KR); **C21C 5/462** (2013.01 - EP US)

Cited by

CN103255262A; FR2776305A1; DE19903473B4; DE19547885C1; EP2482019A1; US6171545B1

Designated contracting state (EPC)

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EP 88120123 A 19881202; AT 88120123 T 19881202; AU 3649889 A 19890616; CA 605280 A 19890711; DE 3885616 T 19881202; KR 890006966 A 19890524; TR 30089 A 19890403; US 37387689 A 19890629