

Title (en)
IMMERSION LANCE FOR STEEL MAKING PURPOSES

Publication
EP 0051746 B1 19840919 (DE)

Application
EP 81107966 A 19811006

Priority
DE 3041995 A 19801107

Abstract (en)
[origin: EP0051746A1] 1. Immersion lance for steelworks operations, for blowing gases and/or pulverulent solids into pig-iron or steel melts, with a nozzle at the front end and with means for connecting a coupling at the rear end, comprising a lance pipe and a refractory jacket which is composed of a plurality of annular cylindrical segments, wherein the foremost segment is axially secured on the lance pipe by means of a holder, and the rearmost segment, which is arranged at a spacing from the connecting means of the coupling, abuts by means of an axially yieldable intermediate element, namely a preloaded spring, on an axially adjustable releasable abutment which is connected to the lance pipe by a force-locking connection, characterized in that a clamping element (8) variable in its axial extent is provided between the abutment (5) and the yieldable intermediate element (6).

IPC 1-7
C21C 7/00; **C21C 5/46**

IPC 8 full level
C21C 5/46 (2006.01); **C21C 7/00** (2006.01)

CPC (source: EP)
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Citation (examination)
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