

Title (en)  
OXYGEN STEELMAKING PLANT HAVING A SUBLANCE INSTALLATION

Publication  
**EP 0258929 B1 19891018 (EN)**

Application  
**EP 87201570 A 19870819**

Priority  
NL 8602195 A 19860829

Abstract (en)  
[origin: EP0258929A1] An oxygen steelmaking plant has a steel converter (4), a hood (5) for the converter, two arms (17,18) for carrying oxygen lances (7) pivotable to bring an oxygen lance above the converter, and a sublance installation comprising a sublance (10), a carriage (9) from which the sublance (10) is suspended movable to transport the sublance along a path which intersects the pivoting arms (17,18) and a pickup station (19) at which the sublance picks up a sensor to be transported inside the converter to perform a measurement. The hood has a lance entrance hole (6) and a sublance entrance hole (13). To enable the sublance (10) to operate fully when the oxygen (7) lance is in operation, the hood (5) has a second sublance entrance hole (14) and the sublance installation has a second pickup station (20), the first said sublance entrance hole (13) and the first said pickup station (19) on the one hand and the second sublance entrance hole (14) and the second pickup station (20) on the other hand being located on opposite sides of the lance entrance hole (6), and the carriage (9) being arranged to transport the sublance (10) to both said pickup stations (19,20) and both said sublance entrance holes (13,14).

IPC 1-7  
**C21C 5/46; G01N 1/12**

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

CPC (source: EP)  
**C21C 5/4673** (2013.01)

Cited by  
CN113604625A; CN109777910A; EP0451987A3

Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**EP 0258929 A1 19880309; EP 0258929 B1 19891018**; DE 3760812 D1 19891123; NL 8602195 A 19880316

DOCDB simple family (application)  
**EP 87201570 A 19870819**; DE 3760812 T 19870819; NL 8602195 A 19860829