

Title (en)

SMELTING PLANT WITH TWO ADJACENT SMELTING FURNACES.

Title (de)

EINSCHMELZAGGREGAT MIT ZWEI NEBENEINANDER ANGEORDNETEN SCHMELZÖFEN.

Title (fr)

INSTALLATION DE FUSION A DEUX FOURS DE FUSION ADJACENTS.

Publication

**EP 0483322 A1 19920506 (DE)**

Application

**EP 91909420 A 19910516**

Priority

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- EP 9100916 W 19910516

Abstract (en)

[origin: WO9118120A1] A smelting plant is disclosed with two adjacent, alternatively operated smelting furnaces (1/1, 1/2). The furnace gases produced during smelting are introduced into the other smelting furnace in order to pre-heat its charge. A shaft (12/1, 12/2) associated with each smelting furnace is filled with charge and the flue gases of the furnace in operation pass through the corresponding shaft (12/1, 12/2) and enter through the cover plate (4/1, 4/2) of the other furnace, once it has been charged. This makes it possible to pre-heat the charge and to filter the furnace gases through the charge during the entire smelting process.

Abstract (fr)

Une installation de fusion comprend deux fours de fusion adjacents (1/1, 1/2) alternativement exploités. Les fumées qui émanent d'un four pendant la fusion sont introduits dans l'autre four afin de préchauffer la charge. Un puits (12/1, 12/2) par lequel la charge est enfournée est associé à chaque four de fusion. Les fumées du four en fonctionnement sortent par le puits correspondant (12/1, 12/2) et sont introduites dans l'autre four, à travers sa plaque supérieure (4/1, 4/2), une fois qu'il a été chargé. Le préchauffage de la charge et le filtrage à travers la charge des fumées qui émanent du four sont ainsi assurés pendant tout le processus de fusion.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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