

Title (en)  
METHOD TO PREHEAT BILLETS WITH A SAVING OF ENERGY

Publication  
**EP 0240052 B1 19910626 (EN)**

Application  
**EP 87200435 A 19870310**

Priority  
IT 6034986 U 19860404

Abstract (en)  
[origin: EP0240052A1] Method to preheat billets, blooms or slabs, before rolling (14), as they arrive from a store of cold charges (10) or from continuous casting (11), such method involving a preheating furnace (12) and a heating furnace (13), the preheating (12) and heating (13) furnaces being connected in coordination, in which method: - material (15) arriving from the store of cold charges (10) passes through the preheating furnace (12) and the heating furnace (13), - material (17) arriving from the continuous casting (11) but momentarily halted due to work in progress in the rolling plant (14) is transiently stored in the preheating furnace (12) and is then passed through the heating furnace (13) when such work has ended and rolling can restart, - and material (18) coming from the continuous casting (11) passes through the heating furnace (13) before reaching the rolling process (14) during a normal cycle.

IPC 1-7  
**B21B 1/46**; **C21D 9/00**

IPC 8 full level  
**B21B 1/46** (2006.01); **C21D 9/00** (2006.01)

CPC (source: EP)  
**B21B 1/466** (2013.01); **C21D 9/0081** (2013.01)

Cited by  
BE1004663A3; TR25656A; EP0499851A1; US5212856A; EP3608469A2; US11021837B2

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