

Title (en)  
PROCESS AND APPARATUS FOR MEASURING THE SLAG LEVEL IN A METALLURGICAL VESSEL AND FOR ASSESSING ITS PHYSICAL CONDITION

Publication  
**EP 0022739 B1 19820317 (FR)**

Application  
**EP 80630021 A 19800702**

Priority  
LU 81512 A 19790716

Abstract (en)  
[origin: ES8103179A1] A method of and an apparatus for determining the level of slag above a metallurgical melt, especially a steel melt, and for determining a physical characteristic or property of the slag, such as its viscosity or consistency, utilizes a plurality of nozzles opening into the bath-containing vessel at different levels above the melt and supplied with inert gas. The difference in hydrostatic pressures at the nozzles can be ascertained by measurement of the pressures upstream thereof and the measured values are converted into indications of slag level and consistency.

IPC 1-7  
**C21C 5/30**

IPC 8 full level  
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CPC (source: EP US)  
**C21C 5/30** (2013.01 - EP US); **C21C 5/4673** (2013.01 - EP US)

Citation (examination)

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