

Title (en)  
Improvements to hoods for aspiration of secondary fumes in steel mills and foundries.

Title (de)  
Absaughauben für Sekundärabgase in Stahlwerken und Giessereien.

Title (fr)  
Hottes aspirantes de fumées secondaires dans les aciéries et les fonderies.

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Application  
**EP 84201004 A 19840710**

Priority  
IT 8343083 A 19830727

Abstract (en)  
This invention concerns improvements to hoods (10) for aspiration of secondary fumes in steel mills and foundries, which hoods (10) are suitable to cooperate with smelting furnaces, converters, crucibles, etc. for the aspiration of fumes emitted by the same and comprise: - movable hood means (11) fitted to and solidly fixed to crane or bridge crane means (14), - stationary aspiration duct means (13), - means for momentary connection of the movable hood means (11) to the stationary aspiration duct means (13), - at least one opening which allows the passage of a trolley (15) of the bridge crane (14) and is comprised in the movable hood means (11), and - means (16-17) for the momentary closure of such opening, the improvements being such that the momentary connection means include at least stationary exhaust collector means (12) for independent collection of fumes when the movable hood means (11) move away, and that the exhaust collector means (12) comprise an opening having a plan section at least equal to the section of the top opening in the movable hood means (11) and cooperate momentarily with the latter (11), and that the exhaust collector means (12) constitute the plurality of the top portion of the hoods (10) which aspirate secondary fumes. The invention also concerns hoods (10) for aspiration of secondary fumes in steel mills and foundries, which hoods (10) are suitable to cooperate with smelting furnaces, converters, crucibles, etc. for the aspiration of fumes emitted by the same and adopt the above improvements.

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Citation (applicant)  
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