

Title (en)  
REUSE OF METALLURGICAL FINES

Title (de)  
WIEDERVERWENDUNG VON FEINKÖRNINGEM METALLURGISCHEM GUT

Title (fr)  
REUTILISATION DE FINES METALLURGIQUES

Publication  
**EP 0820531 A1 19980128 (EN)**

Application  
**EP 96908291 A 19960403**

Priority  

- DE 19512560 A 19950404
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- DE 19537283 A 19951006
- GB 9600821 W 19960403

Abstract (en)  
[origin: WO9631630A1] Waste material containing heavy metals are mixed with oily mill scale or with reduced iron or fines and with a fine grained carrier material having a low density until a crumbly mixed product results, of which a fine fraction of between 0 and 6 mm in grain size is sievable for injection into a metallurgical furnace. Water may be added to the mixed product using wet carbon-containing slurries. Lime-containing dusts may be added.

IPC 1-7  
**C22B 7/02**; **C22B 1/243**; **C22B 1/245**

IPC 8 full level  
**C22B 1/243** (2006.01); **C22B 1/245** (2006.01); **C22B 7/02** (2006.01)

CPC (source: EP)  
**C22B 1/243** (2013.01); **C22B 1/245** (2013.01); **C22B 7/02** (2013.01); **Y02P 10/20** (2015.11)

Citation (search report)  
See references of WO 9631630A1

Designated contracting state (EPC)  
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**WO 9631630 A1 19961010**; AU 5159996 A 19961023; AU 719637 B2 20000511; BR 9604790 A 19980707; CA 2215409 A1 19961010; EP 0820531 A1 19980128; JP H11503201 A 19990323; MX 9707653 A 19980830

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**GB 9600821 W 19960403**; AU 5159996 A 19960403; BR 9604790 A 19961001; CA 2215409 A 19960403; EP 96908291 A 19960403; JP 53009696 A 19960403; MX 9707653 A 19971003