

Title (en)

Process for separating metals from composite laminated bodies

Title (de)

Verfahren zur Abtrennung von Metallen aus Verbundwerkstoffkörpern

Title (fr)

Procédé pour la séparation de métaux de corps composites

Publication

EP 0965630 A1 19991222 (EN)

Application

EP 98500217 A 19981005

Priority

ES 9801283 A 19980618

Abstract (en)

The process comprises the gradual heating of the composite laminar materials to a temperature which is sufficient to remove the non-metal materials but which is lower than the melting temperature of the metal material of the support, the extraction of the gases produced by the removal of those non-metal materials and the continuous recovery, at the end of the thermal treatment stage, of the resulting metal residues which are conveyed to the outside in order to be cooled and processed for re-use. The apparatus comprises a rotary treatment chamber having means for introducing the materials from one end and having means for bringing about the rotation of the chamber, the chamber having at one end a duct for the discharge of the gases generated and at the other end a duct for the continuous evacuation of the metal residues. <IMAGE>

IPC 1-7

C10B 53/00; **C10B 1/10**

IPC 8 full level

C10B 1/10 (2006.01); **C10B 47/30** (2006.01); **C10B 53/00** (2006.01)

CPC (source: EP)

C10B 1/10 (2013.01); **C10B 47/30** (2013.01); **C10B 53/00** (2013.01)

Citation (search report)

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- [X] DE 4237161 A1 19940505 - ELLINGHAUS UMWELTSCHUTZANLAGEN [DE]
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- [A] EP 0324668 A1 19890719 - INTERNACIONAL SYSTEMS RESIDUOS [ES]

Designated contracting state (EPC)

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