

Title (en)

Apparatus for the positioning and filling of protective sleeves on an anode block.

Title (de)

Vorrichtung zur Einstellung und Füllung von Schutzhülsen auf einem Anodenblock.

Title (fr)

Dispositif pour la mise en place et le remplissage de manchons protecteurs sur un bloc d'anode.

Publication

EP 0121954 A1 19841017 (EN)

Application

EP 84200262 A 19840224

Priority

NL 8300711 A 19830225

Abstract (en)

Apparatus for the positioning and filling of the two protective sleeves around the attachment of the anode rod to an anode block is designed to achieve accurate positioning and filling of the sleeves. The apparatus has a horizontal conveyor 1 on which the anode block 2 with the anode rod and the two protective sleeves 4 fixed thereon are conveyed to the filling position, and a pair of filling troughs 7, 8 located above the openings of the sleeves at the filling position and each connected to a feed hopper 9, 10 for the granular tar-containing mass being filled. A set of pushing means 13, 14 on either side are movable above the top of the anode block 2 to locate and maintain the sleeves and are also arranged to function as collecting troughs for any material spilled during filling. Conveying means 20, 21 are provided for transporting the collected spilled material back to the feed hoppers 9, 10.

IPC 1-7

C25C 3/12

IPC 8 full level

C25C 3/12 (2006.01)

CPC (source: EP)

C25C 3/125 (2013.01)

Citation (search report)

- [A] FR 2379618 A1 19780901 - SUMITOMO ALUMINIUM SMELTING CO [JP]
- [A] DE 2547061 A1 19770428 - KAISER PREUSSAG ALUMINIUM GMBH
- [A] DE 1002131 C
- [A] GB 2010331 A 19790627 - ALUSUISSE
- [A] CHEMICAL ABSTRACTS, vol. 96, no. 1, January 1982, page 445, no. 13124a, Columbus, Ohio, US; & NO-B-144 641 (NORSK HYDRO A/S) 29-06-1981

Cited by

EP0764728A1; FR2669351A1; US5096631A; AU621621B2; DE4414271A1; DE4414271B4; DE4414271B8; GB2186819A; DE3605608A1; US4803768A; GB2186819B; AU587306B2; WO8910436A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 0121954 A1 19841017; EP 0121954 B1 19860903; DE 3460591 D1 19861009; IS 1282 B6 19870707; IS 2882 A7 19840413; NL 182740 B 19871201; NL 182740 C 19880502; NL 8300711 A 19840917; NO 161330 B 19890424; NO 161330 C 19890802; NO 840719 L 19840827

DOCDB simple family (application)

EP 84200262 A 19840224; DE 3460591 T 19840224; IS 2882 A 19840210; NL 8300711 A 19830225; NO 840719 A 19840224