

Title (en)
INTERIOR CORE PROTECTOR FOR COILED MATERIAL

Publication
EP 0116749 A3 19850123 (EN)

Application
EP 83306553 A 19831027

Priority
US 45899683 A 19830118

Abstract (en)
[origin: EP0116749A2] An interior core protector (20) for protecting the interior (12) of a coil of material (10), e.g., coiled sheet steel, from damage is disclosed. The core protector (20) includes a pair of overlapping formed angular paperboard members (22, 24) each having a series of spaced die cuts (26) in one leg (22b, 24b) thereof permitting the angular members to be bent to conform to the inner diameter of the coil (10). The cuts (26) in one leg (22b) are offset from the cuts in the other leg (24b) such that when the protector (20) is bent for placement in the interior core (12) of the coil (10) and the width of the cuts (26) increases, a paperboard segment of one member (24b) nevertheless overlies the cut (26) in the other (22b) to provide protection for the material about the full circumference of the interior core (12).

IPC 1-7
B65H 75/02; **B65D 85/672**

IPC 8 full level
B65D 85/672 (2006.01); **B65H 75/02** (2006.01)

CPC (source: EP)
B65D 85/672 (2013.01); **B65H 75/02** (2013.01)

Citation (search report)
• [X] US 1437954 A 19221205 - BALKE WILLIAM H
• [A] US 1989183 A 19350129 - BLAKE VALERIE F
• [A] US 2883045 A 19590421 - ABRAMSON ALVIN A
• [A] GB 1004269 A 19650915 - STANDARD TELEPHONES CABLES LTD
• [A] GB 1243063 A 19710818 - SIEMENS AG [DE]

Cited by
GB2303838A; FR2603020A1; WO9535248A1; WO9429196A1

Designated contracting state (EPC)
AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0116749 A2 19840829; **EP 0116749 A3 19850123**; **EP 0116749 B1 19870603**; AT E27596 T1 19870615; BR 8305603 A 19840918; CA 1225623 A 19870818; DE 3371899 D1 19870709; FI 78046 B 19890228; FI 78046 C 19890612; FI 833071 A0 19830830; FI 833071 A 19840719

DOCDB simple family (application)
EP 83306553 A 19831027; AT 83306553 T 19831027; BR 8305603 A 19831011; CA 434772 A 19830817; DE 3371899 T 19831027; FI 833071 A 19830830