

Title (en)
Cylinder casing segment.

Title (de)
Tambourverschalungssegment.

Title (fr)
Enveloppe segmentaire de tambour.

Publication
EP 0431482 A1 19910612 (DE)

Application
EP 90122912 A 19901130

Priority
CH 434989 A 19891204

Abstract (en)
A cylinder casing segment for a card is formed as an extruded hollow body. <IMAGE>

Abstract (de)
Ein Tambourverschalungssegment für eine Karte ist als extrudierter Hohlkörper gebildet. <IMAGE>

IPC 1-7
D01G 15/24; **D01G 15/28**

IPC 8 full level
D01G 15/08 (2006.01); **D01G 15/24** (2006.01); **D01G 15/28** (2006.01)

CPC (source: EP US)
D01G 15/24 (2013.01 - EP US); **D01G 15/28** (2013.01 - EP US)

Citation (search report)

- [X] FR 2300827 A1 19760910 - MARZOLI & C SPA [IT]
- [A] EP 0152053 A2 19850821 - GRAF & CO AG [CH]
- [A] DE 1118662 B 19611130 - RALPH A RUSCA
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DE4338564A1; DE10318968A1; EP0790338A2; EP2562297A2; US7020932B2

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0431482 A1 19910612; **EP 0431482 B1 19960703**; CH 681230 A5 19930215; DE 59010402 D1 19960808; EP 0687754 A2 19951220; EP 0687754 A3 19960313; JP H03180516 A 19910806; US 5142742 A 19920901

DOCDB simple family (application)
EP 90122912 A 19901130; CH 434989 A 19891204; DE 59010402 T 19901130; EP 95113196 A 19901130; JP 32340790 A 19901128; US 62184190 A 19901204