

Title (en)
EASY OPEN CAN ENDS

Title (de)
AUFREISSDECKEL

Title (fr)
EXTREMITES DE BOITES METALLIQUES POUVANT ETRE OUVERTES SANS DIFFICULTES

Publication
EP 1003618 A1 20000531 (EN)

Application
EP 98938784 A 19980810

Priority
• GB 9802409 W 19980810
• GB 9717241 A 19970815

Abstract (en)
[origin: WO9908819A1] A can end (1) is formed with a score (3) by pressing the end between a score die (2) and an anvil (13). The score die comprises a truncated "V"-shaped projection (9) having a first score sidewall (10) typically at about 55 DEG to the longitudinal axis of the projection, and a second score sidewall (11) typically at about 15 DEG to the longitudinal axis. The score die has a horizontal land portion (12) between the first and second sidewalls. The score die produces a score (3) having sidewalls (16 and 17) which are at different angles to the longitudinal, and this helps to prevent the formation of "angel hairs", i.e. thin slivers of the film (23) coating the base of the score which can otherwise become detached on operation of the tear panel (15).

IPC 1-7
B21D 51/38

IPC 8 full level
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CPC (source: EP)
B21D 51/383 (2013.01); **B65D 17/404** (2017.12)

Citation (search report)
See references of WO 9908819A1

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