

Title (en)

Process for forming a concave container out of a blank

Title (de)

Verfahren zum Formen eines konkaven Behälters aus einer Blechplatte

Title (fr)

Procédé de formation d'un récipient concave à partir d'un flan de tôle

Publication

EP 0819482 B1 20010328 (FR)

Application

EP 97401716 A 19970716

Priority

FR 9609046 A 19960716

Abstract (en)

[origin: EP0819482A1] The method involves bending a metal sheet between dies (16B) and a matrix (30), first with the edge of the blank held by a clamp die (15), and then with its edge released. The sheet metal blank is subjected to a number of stamping operations between dies and matrices of different shapes. Each stage increasing its concavity and depth, leaving an edge (24) which lies perpendicular to its base to form a cylindrical collar for one end of the container.

IPC 1-7

B21D 22/28; **B21D 51/24**

IPC 8 full level

B21D 51/08 (2006.01); **B21D 51/24** (2006.01)

CPC (source: EP)

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Cited by

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EP 0819482 A1 19980121; **EP 0819482 B1 20010328**; DE 69704400 D1 20010503; DE 69704400 T2 20011031; ES 2157536 T3 20010816; FR 2751247 A1 19980123; FR 2751247 B1 19981016; PT 819482 E 20010928

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