

Title (en)
Hinge for container covers

Title (de)
Scharnier für Behälterabdeckungen

Title (fr)
Charnière pour couvertures de conteneur

Publication
EP 0900904 A3 20000628 (DE)

Application
EP 98113420 A 19980717

Priority
DE 19738931 A 19970905

Abstract (en)
[origin: DE19738931C1] The hinge system consists of a bracket (20) with which it is attached to the container and a bracket (30) with which it is attached to the cover (110). The hinge incorporates a first (40) and a second lever (50) which can pivot about parallel axes (42,44,52,54) from door bracket (20) and from container bracket (30). The distances between pivot points of the two levers are equal. The pivot axes (42,52) on the container bracket (20) have a distance from one another which is smaller than the distance between the other pivot points (44,54). The pivot axes of the levers is arranged so, that the vertical distance of the pivot (44) from the mounting face (32), of the cover, is larger than the distance of the pivot (42) to the mounting face (22) in the container.

IPC 1-7
E05D 3/06; **E05F 1/12**

IPC 8 full level
E05D 3/06 (2006.01); **E05D 3/14** (2006.01); **E05F 1/12** (2006.01); **E05F 1/14** (2006.01)

CPC (source: EP)
E05D 3/142 (2013.01); **E05F 1/1269** (2013.01); **E05F 1/14** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)
• [X] EP 0258766 A2 19880309 - STANDARD ELEKTRIK LORENZ AG [DE]
• [X] US 4095311 A 19780620 - JANOSCH HANS
• [A] DE 4418238 A1 19951130 - BOSCH SIEMENS HAUSGERAETE [DE]
• [A] DE 2853971 A1 19800703 - HETTICH HETAL WERKE
• [A] FR 2673972 A1 19920918 - AEROSPATIALE [FR]
• [A] DE 4345081 A1 19940714 - LANZANI ORESTE [IT]
• [A] DE 2359467 A1 19750605 - HAPPICH GMBH GEBR

Cited by
CN111328361A; USD857481S; US10258152B1

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