

Title (en)
Refuse collection receptacle

Title (de)
Abfallsammelbehälter

Title (fr)
Récipient collecteur de déchets

Publication
EP 1630110 A1 20060301 (DE)

Application
EP 05018102 A 20050819

Priority
DE 202004013154 U 20040823

Abstract (en)
A safety mounting for a swing top cover (2) for a refuse bin, e.g. a bin supported on four castors, has the cover pivot mounted on the narrow ends of the bin via two pivot arms (21). The opening action of the cover is against return spring (5) pressure with a safety feature which stops the closing action of the cover in a partially opened position. A safety brake (30) secures the partially open position and with the spring force zero in this position. The safety feature prevents injury on releasing the cover, e.g. children playing around the bins. Manual force is required to fully close the cover.

IPC 8 full level
B65F 1/16 (2006.01)

CPC (source: EP)
B65F 1/1623 (2013.01); **B65F 2001/1661** (2013.01); **B65F 2001/1669** (2013.01); **B65F 2001/1692** (2013.01)

Citation (search report)

- [XY] DE 10161808 A1 20030626 - SUDHAUS GMBH & CO [DE]
- [DY] DE 10216698 A1 20031106 - OTTO IND EUROP B V [NL]
- [Y] DE 1913274 U 19650401 - STREUBER & LOHMANN EISENWERK [DE]
- [PX] DE 202004013154 U1 20041021 - OTTO IND EUROP B V [NL]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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