

Title (en)  
Household electrical appliance provided with door for closing an internal chamber

Title (de)  
Elektrisches Haushaltsgerät mit Tür zum Schliessen eines Innenraums

Title (fr)  
Appareil électroménager comprenant une porte pour fermer une chambre interne

Publication  
**EP 1518956 A1 20050330 (EN)**

Application  
**EP 03425621 A 20030925**

Priority  
EP 03425621 A 20030925

Abstract (en)  
An electric household appliance is described which comprises a frame (1) with a top panel (2) provided with an opening (3) for acceding into an internal chamber (9) of the electric household appliance and with a door (4) adapted to close said opening (3). The door (4) is coupled with the panel (2) by means of at least one hinge (20) that comprises first means (21) integral with the edge (10) of said opening (3) and second means (25) coupled with the door (4) at a first end (27) and with the first means (21) at a second end (26) so as to rotate around a horizontal axis (P); said hinge (20) comprises elastic means (40) coupled with the first means (21) and with the second means (25) to urge the rotation of the second means (25) towards the opening direction of the door (4) to a position of total opening of the door (4). The door (4) is kept closed by means of a bolt (7) releasable by an unhooked button (8). The electric household appliance comprises third means (50) adapted to brake the rotation of said door (4) towards the closing direction of the same door (4) when the door is open. <IMAGE>

IPC 1-7  
**D06F 39/14**

IPC 8 full level  
**D06F 39/14** (2006.01)

CPC (source: EP US)  
**D06F 39/14** (2013.01 - EP US)

Citation (applicant)  
WO 0223001 A1 20020321 - DU PONT [US], et al

Citation (search report)  
• [X] WO 0223001 A1 20020321 - DU PONT [US], et al  
• [A] US 4914781 A 19900410 - SOKN ERICK L [US], et al  
• [A] DE 2618618 A1 19771110 - LICENTIA GMBH  
• [A] FR 2811009 A1 20020104 - CIAPEM [FR]  
• [A] GB 2133831 A 19840801 - GOIOT SA

Cited by  
CN102747589A; CN106283511A; EP3299510A4; GB2410059A; GB2410059B

Designated contracting state (EPC)  
DE ES FR IT

DOCDB simple family (publication)  
**EP 1518956 A1 20050330; EP 1518956 B1 20100310**; DE 60331649 D1 20100422; ES 2338311 T3 20100506

DOCDB simple family (application)  
**EP 03425621 A 20030925**; DE 60331649 T 20030925; ES 03425621 T 20030925