

Title (en)
HOUSEHOLD APPLIANCE, PARTICULARLY FOR TREATING TEXTILE ITEMS

Title (de)
HAUSEHALTGERÄT, INSBESONDERE ZUM BEHANDELN VON TEXTILIEN

Title (fr)
APPAREIL MÉNAGER, EN PARTICULIER DE TRAITEMENT DE PRODUITS TEXTILES

Publication
EP 2488688 A1 20120822 (EN)

Application
EP 10776430 A 20101014

Priority
• IT TO20090146 U 20091015
• IB 2010054650 W 20101014

Abstract (en)
[origin: WO2011045762A1] A household appliance (1), particularly for treating textile items, comprising a cabinet (2), a rotatable member (3) rotatably mounted in the cabinet (2), a reversible dynamoelectric machine (5), operatively coupled to the rotatable member (3) for causing rotation thereof, and control means (7, 21) for driving the reversible dynamoelectric machine (5) during the operation of the household appliance (1). The control means (7, 21) are suitable for driving the reversible dynamoelectric machine (5) to generate a driving torque, with the aim of bringing the rotatable member (3) to acquire and/or maintain substantially determined rotational speeds. The control means (7, 21) are further configured for driving the reversible dynamoelectric machine (5) with the aim of performing, during the treatment cycle, steps for controlled braking of the rotation of the rotatable member (3), where during the controlled braking steps, the reversible dynamoelectric machine (5) generates electric energy. According to the invention, the household appliance (1) comprises circuit means (24-26) for recovering and making usable the electric energy generated by the reversible dynamoelectric machine (5) during the controlled braking steps.

IPC 8 full level
D06F 34/08 (2020.01)

CPC (source: EP US)
D06F 39/20 (2024.01 - EP US); **D06F 34/08** (2020.02 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011045762 A1 20110421; EP 2488688 A1 20120822; EP 2488688 B1 20141112; ES 2529735 T3 20150225; IT TO20090146 U1 20110416; PL 2488688 T3 20150529

DOCDB simple family (application)
IB 2010054650 W 20101014; EP 10776430 A 20101014; ES 10776430 T 20101014; IT TO20090146 U 20091015; PL 10776430 T 20101014