

Title (en)

An integral flow directing unit with two independent pumps and a common filter for washing machines and the like

Title (de)

Integrierte Vorrichtung zur Umwälzung von Wasser mit zwei unabhängigen Pumpen und einem gemeinsamen Filter für Waschmaschinen oder dergleichen

Title (fr)

Dispositif intégré pour la circulation de l'eau avec deux pompes indépendantes et un filtre commun pour machines à laver

Publication

EP 0736626 A2 19961009 (EN)

Application

EP 95202612 A 19950928

Priority

IT MI950236 U 19950405

Abstract (en)

An integral flow directing and filter unit formed from a unitary body (1) integrally formed by moulding plastics material, having two axially aligned rotor housings (28, 29) of centrifugal pump impellers formed therein which are open at their outer axial ends, a suction chamber (27) positioned between the housings and in communication with them, two delivery outlets (11, 12) in communication with the said housings, a filter housing (21) in communication with the suction chamber and an inlet (15) in communication with the filter housing (21). The structure is completed by a filter (2) lodged in the filter housing (21) and by two independent motor units (4, 5) with an associated impeller (6) coupled with the unitary body (1), each closing the open axial end of the rotor housing (28, 29) in such a way that the flow is directed into one or other of the outlets by activating one or other of the two motors. <IMAGE>

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IPC 8 full level

D06F 39/08 (2006.01); **D06F 39/10** (2006.01)

CPC (source: EP US)

D06F 39/085 (2013.01 - EP US); **D06F 39/10** (2013.01 - EP US)

Citation (applicant)

- IT MI922596 A 19921112
- IT MI922562 A 19921109

Cited by

AU2014415237B2; CN108603324A; FR2764312A1; FR2818671A1; KR200461049Y1; CN108603326A; RU2697102C1; EP2703547A1; CN104583482A; CN110565337A; EP3252203A4; EP2746447A1; EP2341183A1; FR2954783A1; US9903065B2; US9777426B2; EP2684509A1; FR2993162A1; EP2703548A1; CN105986427A; EP3252206A4; WO2017137174A1; WO2014032944A3; WO2014032929A1; WO2016101993A1; KR101332286B1; KR101460134B1; WO2023236749A1

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