

Title (en)

Circulating centrifugal pump for a dishwasher

Title (de)

Umwälz-Kreiselpumpe für Geschirrspülmaschine

Title (fr)

Pompe centrifuge de circulation pour lave-vaisselle

Publication

EP 0870928 B1 20030618 (EN)

Application

EP 98105074 A 19980320

Priority

DE 19714924 A 19970410

Abstract (en)

[origin: EP0870928A1] The invention relates to a circulating centrifugal pump for a dishwasher with a pump casing with an axial inlet opening and a radial outlet opening, and with a pump chamber expanding in a spiral shape with a spur (17), and in which there is rotarily mounted a round pump rotor (20) with a predetermined distance from the spur (17), and whose vanes (16) are disposed on a support disc (12). A noticeable reduction in noise during operation can be achieved in a simple way in that the diameter of the ends of the vanes (16) is reduced relative to the diameter of the support disc (12), and the radial spacing (b) of the ends of the vanes from the spur is correspondingly enlarged compared to the radial spacing (a) of the support disc from the spur. <IMAGE>

IPC 1-7

F04D 29/66; **F04D 29/22**

IPC 8 full level

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CPC (source: EP)

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Cited by

US7988538B2; US8388417B2

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