Title (en)
A fan runner particularly for food cooking ovens

Title (de)
Gebläse-Laufrad, insbesondere für einen Backofen

Title (fr)
Rotor d'un ventilateur, notamment pour un four de cuisson

Publication
EP 1536184 A1 20050601 (EN)

Application
EP 04105586 A 20041108

Priority
IT PD20030104 U 20031114

Abstract (en)
A fan particularly for food cooking ovens, comprising a runner (40,140) provided with a ring of vanes (12,112) and with an axial hole (20,120) for keying to a rotation shaft, the runner (40,140) being constituted by two coaxial and adjacent plate-like disks (11a,11b,111a,111b), a ring of vanes (12a,12b,112b) being provided on at least one of the two disks (11a,11b,111b); each one of the vanes (13a,13b,113) is obtained by cutting and bending a portion of a corresponding annular sector (15a,15b,115) of at least one of the two disks (11a,11b,111b). <??>In order to increase the number of vanes, two runners may be sticked together to one conjoined runner as can be seen in fig. 3. The runner in the front (13b) therefore has slots (14b), through which the vanes of the rear runner (13) extend. The number of vanes is thus doubled. <IMAGE>

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IPC 8 full level
A47J 39/00 (2006.01); **F01D 5/02** (2006.01); **F01D 5/34** (2006.01); **F04D 29/28** (2006.01); **F24C 15/32** (2006.01)

CPC (source: EP)
F04D 29/282 (2013.01); **F24C 15/322** (2013.01)

Citation (search report)
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

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