

Title (en)

A width adjustable support frame for use in an household appliance, specially in a cooking- and backing oven

Title (de)

In Haushaltsgeräten, insbesondere in Gar- und Backöfen verwendbarer, breitenverstellbarer Trägerrahmen

Title (fr)

Cadre de support réglable en largeur utilisable dans un appareil ménager, en particulier dans un four de cuisson

Publication

EP 1353128 B1 20051026 (DE)

Application

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Priority

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Abstract (en)

[origin: US2003192847A1] The invention relates to a width-adjustable carrier frame (<bold>1</highlight>) which can be used in household appliances, particularly cooking and baking ovens, for receiving and supporting a grilling rack (<bold>13</highlight>), a tray, a dish (<bold>15</highlight>), a cooking or baking sheet, or the like. According to the invention, the carrier frame (<bold>1</highlight>) consists of at least two cross members (<bold>2</highlight>) with tube-type front-side end areas as well as of two approximately U-shaped carrying bows (<bold>3</highlight>), at least one carrying bow (<bold>3</highlight>) being continuously movable relative to the cross members (<bold>2</highlight>) by means of a worm drive. A carrier frame (<bold>1</highlight>) designed in this manner can be comfortably adapted by the operation of the worm drive to interiors of different widths of household appliances. This permits a continuous adaptation in a simple manner. If required, the carrier frame (<bold>1</highlight>) can also virtually be pressed onto the interior walls of a household appliance by means of the worm drive and can therefore be force-lockingly fixed and thus sufficiently secured against an unintentional pulling-out.

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