

Title (en)

APPARATUS AND METHOD FOR HEATING PLASTIC PREFORMS WITH ADJUSTABLE SURFACE COOLING

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERWÄRMEN VON KUNSTSTOFFVORFORMLINGEN MIT EINSTELLBARER OBERFLÄCHENKÜHLUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR RÉCHAUFFER DES PRÉFORMES DE MATIÈRE PLASTIQUE AVEC UN REFROIDISSEMENT DE SURFACE RÉGLABLE

Publication

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Application

**EP 15728486 A 20150608**

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Abstract (en)

[origin: WO2015185753A1] An apparatus (40) for heating plastic preforms (3, 3a, 3b) comprising a transporting device (20), which transports the plastic preforms (3, 3a, 3b) along a predetermined transport path (Tr1, Tr2), comprising a heating device (411-427), which heats the plastic preforms (3, 3a, 3b), at least for a time, and comprising an application device (6), which applies a cooling medium, at least for a time, to regions of the plastic preforms (10) or of the apparatus (1). According to the invention, the application device (6) has a feeding device (8), by way of which the cooling medium can be fed to the regions of the plastic preforms (3, 3a, 3b) or to the regions of the apparatus (1), wherein this feeding device (8) is suitable for feeding the cooling medium along a predetermined region (B) also extending at least in the longitudinal direction of the plastic preforms, wherein this region is variable and wherein the apparatus also has a flow cross-section varying element (84), by means of which a flow cross section of the cooling medium can be varied and thus the region (B) can also be varied in the longitudinal direction of the plastic preforms (3, 3a, 3b).

IPC 8 full level

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