

Title (en)
FILL VALVE ADAPTER AND METHODS

Title (de)
FÜLLVENTILADAPTER UND VERFAHREN

Title (fr)
ADAPTATEUR DE SOUPAPE DE REMPLISSAGE ET PROCEDES ASSOCIES

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Abstract (en)

[origin: WO9325437A1] The present application discloses an invention which addresses and resolves long standing lid size reduction problems in the beverage-canning industry and comprises diametrically reduced adapter nozzles (60), and related methods, used as replacements only for the nonaccommodating distal discharge nozzle structure of a commercially existing fill valve (10), which is preferably removed by conventional machining techniques. Each adapter nozzle (60) is fastened to the nonremoved portion or remainder (10) of the fill valve (10) in sealed relation and comprises a plurality of angularly disposed beverage flow passageways (100) which selectively converts beverage flow from several streams issuing from the remainder (10) of the existing fill valve (10) into three broad, although thin streams and discharges the three beverage streams angularly against the top region of the interior surface of the side wall of the can having reduced size lid opening so that foaming, if any, is within tolerable limits.

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