

Title (en)

EXPANSION TANK AND COOLING SYSTEM COMPRISING SUCH AN EXPANSION TANK

Title (de)

AUSDEHNUNGSGEFÄSS UND KÜHLSYSTEM MIT SOLCH EINEM AUSDEHNUNGSGEFÄSS

Title (fr)

RÉSERVOIR D'EXPANSION ET SYSTÈME DE REFROIDISSEMENT COMPORTANT UN TEL RÉSERVOIR

Publication

**EP 3012429 B1 20190717 (EN)**

Application

**EP 15190338 A 20151019**

Priority

SE 1451253 A 20141021

Abstract (en)

[origin: EP3012429A1] An expansion tank (1) which is to be included in a cooling system of a motor vehicle and comprises: - an expansion chamber (3) with a lower part (3a) for accumulation of coolant and an upper part (3b) for accumulation of air; - an inlet opening (6) to be connected to a vent conduit of the cooling system; - an inlet basin (7), which is arranged in said upper part (3b) of the expansion chamber and configured to receive the coolant which flows into the expansion chamber via said inlet opening; and - a settling basin (8), which is arranged in said upper part (3b) of the expansion chamber and connected to the inlet basin, wherein particulate contaminants contained in the coolant received in the settling basin is allowed to settle at the bottom of the settling basin under the effect of gravity.

IPC 8 full level

**F01P 11/02** (2006.01)

CPC (source: EP SE)

**F01P 11/028** (2013.01 - EP); **F01P 11/029** (2013.01 - EP SE)

Cited by

DE102017120056A1; EP4135100A4; WO2017209145A1; WO2024089073A1

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