

Title (en)

STARTING DEVICE FOR AN INTERNAL COMBUSTION ENGINE, ESPECIALLY FOR A HAND-STARTED MOTOR OF A TOOL

Publication

EP 0295398 A3 19891115 (DE)

Application

EP 88106626 A 19880426

Priority

US 6212187 A 19870615

Abstract (en)

[origin: EP0295398A2] By means of the starting device, simple and reliable starting of the combustion engine of a tool, for example a motor chain saw (1), is achieved. For this purpose automatic operation of the choke valve (15) is provided by means of a vacuum which is produced in a housing part (5) of the tool on starting up. For this purpose the throttle valve (12) and the choke valve (15), which are arranged in succession in the intake duct (13) of the carburettor (3), are coupled in such a way that the throttle valve (12) remains in a partially opened position up to a predetermined opening angle of the choke valve (15). In this way over-lubrication of the petrol-air mixture is initially achieved when starting the still cold engine and, after starting, the engine briefly continues to air automatically receive in order to burn the over-lubricated mixture. The vacuum for operating the choke valve (15) is advantageously controlled as a function of the temperature of the tool (Fig.2). <IMAGE>

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F02M 1/10

IPC 8 full level

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CPC (source: EP)

F02M 1/10 (2013.01)

Citation (search report)

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