

Title (en)
HEATING APPARATUS

Title (de)
HEIZVORRICHTUNG

Title (fr)
APPAREIL DE CHAUFFAGE

Publication
EP 2949993 A1 20151202 (EN)

Application
EP 15168248 A 20111028

Priority
• IT VR20100212 A 20101115
• EP 11797121 A 20111028

Abstract (en)
Heating apparatus, particularly of the stove, fireplace and similar type, fed with fuels such as wood, pellets and the like, comprising a combustion chamber (2), forced expulsion means (3) of the combustion fumes from the combustion chamber (2), a fume outlet path (4) from the combustion chamber (2) along which the forced expulsion means (3) are arranged, and at least one cyclone separator (5) of the combustion fumes, positioned at the end of the path (4), a support structure (7) in which the separator (5) is integrated, the outlet path (4) being integrated in the support structure (7) and comprising one first discending section (11) communicating with the combustion chamber (2), and one second ascending section (13) communicating with the separator (5). The forced expulsion means (3) comprise one fan (3) at the top of the second ascending section (13) and at the inlet for the fumes into the separator (5).

IPC 8 full level
F23B 80/04 (2006.01); **F23J 15/02** (2006.01)

CPC (source: EP)
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Citation (search report)
• [Y] DE 9003037 U1 19900517
• [Y] DE 202008012237 U1 20090102 - BUSS ALEXANDER [DE], et al
• [Y] AT 11433 U1 20101015 - GUNTAMATIC HEIZTECHNIK GMBH [AT]
• [Y] GB 1051774 A
• [Y] AU 563481 B2 19870709 - PARK T

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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