

Title (en)  
EXTRACTING HOOD WITH FRESH AIR INTAKE

Publication  
**EP 0036659 B1 19830921 (DE)**

Application  
**EP 81102180 A 19810323**

Priority  
DE 3011101 A 19800322

Abstract (en)  
[origin: EP0036659A1] 1. Vapour extraction hood with an elongate suction chamber (8) with at least one air draw-off channel and at least one air supply channel (1) for the supply of air, whereby in the suction chamber (8) a recuperator is disposed, the heat exchange elements (tubes 13, exchange plates 13') of which consist of metal and whereby under the heat exchange elements (13, 13') there is provided at least one catching surface (17, 18) for dropping oil and grease impurities, characterized in that the tubes (13) or the exchange plates (13') of the heat exchanger extend between an air supply receiver chamber (11) and an air supply collecting chamber (14) and are capable of being flowed through by the air supply which is heatable in the heat exchange with the exhaust air.

IPC 1-7  
**F24C 15/20**

IPC 8 full level  
**F24C 15/20** (2006.01)

CPC (source: EP)  
**F24C 15/20** (2013.01)

Citation (examination)  
• FR 2372394 A1 19780623 - METS ILMAR [SE]  
• US 4124021 A 19781107 - MOLITOR VICTOR D  
• FR 2362677 A1 19780324 - ELECTRICITE DE FRANCE [FR]  
• US 4175614 A 19791127 - HUGGINS HOMER D [US]  
• DE 8007888 U1 19800821  
• US 3827343 A 19740806 - DARM W

Cited by  
US5323761A; EP0886112A3; EP1291056A1; CN111089314A; EP2868983A1; US6543526B2; US8852307B2; US8945263B2; US9372004B2; WO03022396A1; US8728189B2; US7540936B2; US9182131B1; US9726381B1; US10386076B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0036659 A1 19810930; EP 0036659 B1 19830921**; AT E4745 T1 19831015; DE 3011101 A1 19811001; DE 3011101 C2 19820513; DE 3160922 D1 19831027; DK 130481 A 19810923; DK 153446 B 19880718; DK 153446 C 19881227; IE 50936 B1 19860820; IE 810640 L 19810922; NO 153088 B 19851007; NO 153088 C 19860115; NO 810968 L 19810923

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