

Title (en)
Air cooled condenser for a clothes dryer

Title (de)
Luftgekühlter Kondensator für einen Haushalt-Wäschetrockner

Title (fr)
Condenseur refroidi par air pour sèche-linge

Publication
EP 0429953 B1 19960117 (DE)

Application
EP 90121783 A 19901114

Priority
DE 3939855 A 19891201

Abstract (en)
[origin: EP0429953A2] The condenser contains a stack of heat-exchange plates which are stacked at a mutual spacing and which have cavities open on two sides located opposite one another. During operation, cooling air flows through the cavities, whilst processed air flows through the spacings essentially in cross-current with the cooling air. To simplify the construction of such a condenser and, independently of this, to prevent sealing problems and ensure suitability for fully automatic production, the plates are formed essentially from a plastic frame resembling a concave grating and having plastic sheets which form the condensation surfaces and which bear sealingly against all the surfaces of the frame which separate communication between the cavities and spacings. <IMAGE>

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D06F 58/24

IPC 8 full level
D06F 58/24 (2006.01); **F28D 9/00** (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)
D06F 58/24 (2013.01 - EP US); **F28D 9/0025** (2013.01 - EP); **F28F 21/065** (2013.01 - EP)

Cited by
WO2012085839A1; CN100408750C; EP1550764A1; CN104911877A; CN100451231C; CN104911881A; ITRN20100080A1; EP3081688A3; US2011167665A1; US8595951B2; KR100826537B1; EP1518957A1; CN100465370C; EP0982427A1; CN104911882A; KR20160132442A; EP3118364A4; EP1203923A2; US7121018B2; US9976249B2; US7197838B2; WO2015197423A1; WO2004040220A1; EP0774637A2; EP3081688A2

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