

Title (en)
Air condenser

Title (de)
Luftkondensator

Title (fr)
Condenseur à air

Publication
EP 1710524 B1 20150408 (DE)

Application
EP 06002967 A 20060214

Priority
DE 202005005302 U 20050404

Abstract (en)
[origin: CA2541503A1] An air-cooled condenser (1) for the condensation of steam by means of air is described, said air-cooled condenser comprising a steam supply line (2), at least one upward ly directed pipe bundle (6), to which the steam to be condensed can be supplied, a condensate drain for the drainage of condensed steam and a fan (11) for the air transport to the pipe bundle (6). The pipe bundle (6) is arranged below the fan (11) in a sidewall (18) of the air-cooled condenser (1). Several pipe bundles (6) are thereby arranged in such a way that they form a jacket (13) in the form of a polygon extending in the plumb line, wherein said jacket is closed such that it forms an enclosure on all sides.

IPC 8 full level
F28B 1/06 (2006.01)

CPC (source: EP KR US)
F25B 39/04 (2013.01 - KR); **F28B 1/06** (2013.01 - EP US); **F28B 9/02** (2013.01 - EP US); **F28D 1/04** (2013.01 - KR)

Cited by
DE102009039542A1; WO2011107823A1; CN106556261A; DE102009039542A8; DE102009039542A8; DE102011050275A1

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DOCDB simple family (publication)
DE 202005005302 U1 20050602; CA 2541503 A1 20061004; CA 2541503 C 20130917; CN 100538241 C 20090909; CN 1847765 A 20061018; EP 1710524 A1 20061011; EP 1710524 B1 20150408; JP 2006284171 A 20061019; JP 5400263 B2 20140129; KR 20060106900 A 20061012; US 2006243430 A1 20061102; ZA 200602732 B 20090325

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