

Title (en)
Device for cooling a material web

Title (de)
Vorrichtung zum Kühlen einer Materialbahn

Title (fr)
Dispositif refroidisseur pour une bande de matériau

Publication
EP 1258352 B1 20060628 (DE)

Application
EP 02007335 A 20020405

Priority
DE 10123489 A 20010515

Abstract (en)
[origin: EP1258352A1] The assembly to cool a paper web (14), at a rotary printing press where the web has passed through a hot air dryer, uses the heat from a heater (2,10) to give an evaporation cooling to a coolant (52) which is delivered to the cooling station (12) where the web passes through. Part of the coolant is evaporated, and the other part of the coolant is chilled by the extraction of vapor heat. The vapor is developed in at least one generator (26), powered by steam. An underpressure is formed for a vacuum chamber (50) where the coolant is partially evaporated and chilled.

IPC 8 full level
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CPC (source: EP US)
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Cited by
CN109747388A; CN104036955A; EP2163386A1; EP1555122A1; WO2010029137A1

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