

Title (en)

Sieves, in particular for consolidating nonwoven fabric by gas- or hydro-entanglement

Title (de)

Sieb, insbesondere zur Herstellung von Vliesstoffen mittels eines Gas- oder Flüssigkeitsstrahl-Verfestigungsverfahrens

Title (fr)

Tamis, en particulier pour la fabrication de non-tissés au moyen d' un procédé de consolidation par liage hydraulique ou pneumatique

Publication

**EP 1884582 B1 20090930 (DE)**

Application

**EP 06016367 A 20060804**

Priority

EP 06016367 A 20060804

Abstract (en)

[origin: EP1884582A1] A sieve (10) for the production of a non-woven fleece which is integrated by gas or fluid action on the sieve upper surface (11). The sieve has numerous apertures (14) linking the upper surface with the lower surface (12). The upper surface also has a number of detents (16) that together form the desired pattern. The cross section of the apertures remains uniform from top to bottom or diverges. The detents are of uniform depth and are no deeper than one third of the sieve depth. The diverging holes subtend an angle of about 20 degrees with the centerline and are circular.

IPC 8 full level

**D04H 18/04** (2012.01)

CPC (source: EP US)

**D04H 18/04** (2013.01 - EP US)

Cited by

US9205639B2; CN104334780A; CN102844190A; US9732454B2; WO2013181082A1; WO2011047702A1; US11779071B2; US9682512B2; US10131091B2; US10625472B2; US10138582B2; US10174447B2; US10982363B2; US10982364B2

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**EP 1884582 A1 20080206; EP 1884582 B1 20090930**; AT E444388 T1 20091015; DE 502006004982 D1 20091112; US 2008028581 A1 20080207

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