

Title (en)
FORMING SECTION

Title (de)
FORMIERBEREICH

Title (fr)
SECTION DE FORMATION

Publication
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Application
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Abstract (en)
[origin: WO2013160527A1] A paper or board machine forming section. A paper or board machine forming section comprising a first (11) and a second (21) wire loop forming a converging gap (G) after a first (12) and a second (22) breast roll. A first dewatering zone (Z1) comprising a first stationary forming shoe (30) is situated within the first wire loop (11) immediately after the first breast roll (12). Said first forming shoe (30) comprises a first straight portion (30A) comprising a straight cover (31A) provided with through openings (32A) in order to provide non-pulsating dewatering of the pulp suspension travelling on the first wire (1) on the first straight portion (30A), and a second curved portion (30B) immediately following the first straight portion (30A), said second curved portion (30B) comprising a curved cover (31B). The forming section comprises further a first head box (40) supplying a pulp suspension jet on the first wire (1) at the beginning of the first portion (30A) of the first forming shoe (30). The apex of the gap (G) is situated at the beginning of the second portion (30B) of the first forming shoe (30). Said second curved portion (30B) is provided with through openings (32B) in order to provide non-pulsating dewatering of the pulp suspension travelling on the first wire (1) on the second curved portion (30B) of the first stationary forming shoe (30).

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Cited by
EP3757287A1; US11512431B2

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