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(54) **Mobile mixer to be used in train for cold recycling asphalt concrete roadways**

(57) Mobile mixer to be used in train for cold recycling asphalt concrete roadways, of the type comprising bitumen as binding base, where are provided:

- means to heat said binding material in fluid form at 150/200°C, preferably at about 170°C, and under pressure before the spraying (U2) in said mixing means (P1);
- means to convey hot and fluid bitumen (B, P2) in a controlled way (P3) with additives (AD) through a static turbo-mixer with opposite vanes (P4), to re-

spective sprayers (P1) associated with: means to inject water, in a controlled way (U2), to said binding material immediately before the spraying, upstream of said sprayers (U3), under such a pressure to prevent the expansion of said added water, in order that at the exit from said spraying means (U3) a spraying of bituminous emulsion is formed with expansion by evaporation of the water particles forming a bituminous material foam that is sprayed into the aggregating material in the mixing/blending, thus mixing and binding with it (P1).

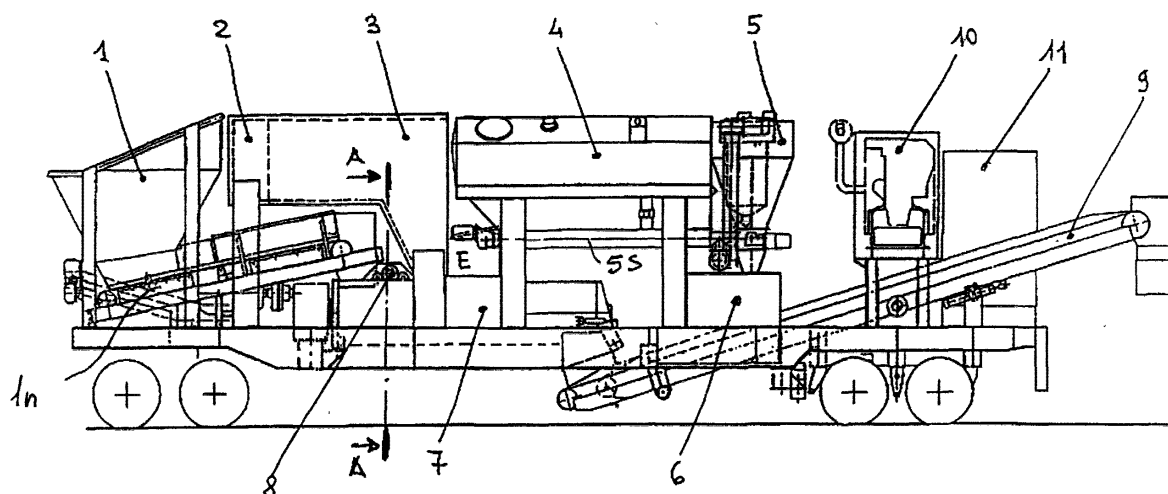


Fig. 1

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EUROPEAN SEARCH REPORT

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Place of search THE HAGUE		Date of completion of the search 14 January 2002	Examiner Movadat, R
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EPO FORM 1503 03/82 (P04001)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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