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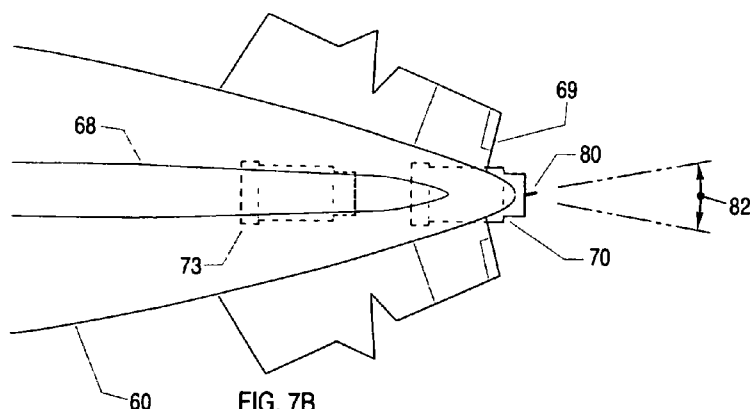
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(54) Title: AIRCRAFT TAXIING SYSTEMS



(57) Abstract: Thrust systems for passenger aircraft provide at least one flight engine (66) and a taxi engine (70) wherein all flight engines together provide, in total, a takeoff thrust (65) arranged in a takeoff thrust direction and the taxi engine provides a taxi thrust (75) which does not exceed 15% of the takeoff thrust and is directed substantially the same as the takeoff thrust direction. The taxi thrust is thereby sufficient to taxi the aircraft along a taxi path. In a system embodiment, the taxi thrust does not exceed 7.5% of the flight thrust. In another system embodiment, the flight engines have, in total, a flight engine weight and the taxi engine has a taxi engine weight that does not exceed 10% of the flight engine weight. In a system embodiment, the taxi engine weight does not exceed 7.0% of the flight engine weight. In another system embodiment, the taxi engine has a rated thrust and is configured so that the taxi thrust is within 40% -and 100% of the rated thrust. In another system embodiment, the taxi engine, includes a rotatable engine portion (80) to divert the taxi thrust over an azimuth angle (82) to assist taxiing along the taxi path.